Service
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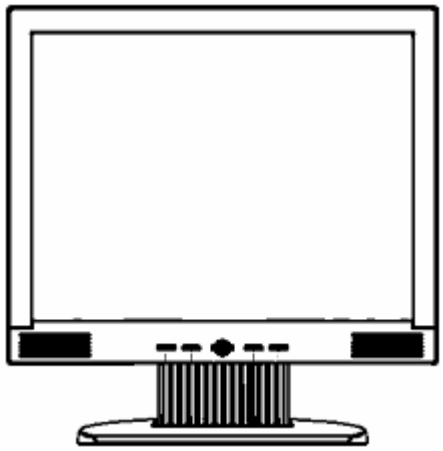
Service



Service Manual

Horizontal Frequency
30kHz – 80kHz

TABLE OF CONTENTS

SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFOMER FOR THIS UNIT WHEN SERVICING

Revision List

Revision	Date	Revision History	TPV Model
A00	Mar.-02-07	Initial Release	T76CM4HCALWNE

Important Safety Notice

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.
Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design.
Servicer assumes all liability.

FOR PRODUCTS CONTAINING LASER:
DANGER-Invisible laser radiation when open AVOID DIRECT EXPOSURE TO BEAM.
CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.
Take care during handling the LCD module with backlight unit
-Must mount the module using mounting holes arranged in four corners.
-Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
-Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
-Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
-Make certain that treatment person’s body is grounded through wristband.
-Do not leave the module in high temperature and in areas of high humidity for a long time.
-Avoid contact with water as it may a short circuit within the module.
-If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

1. Monitor Specifications

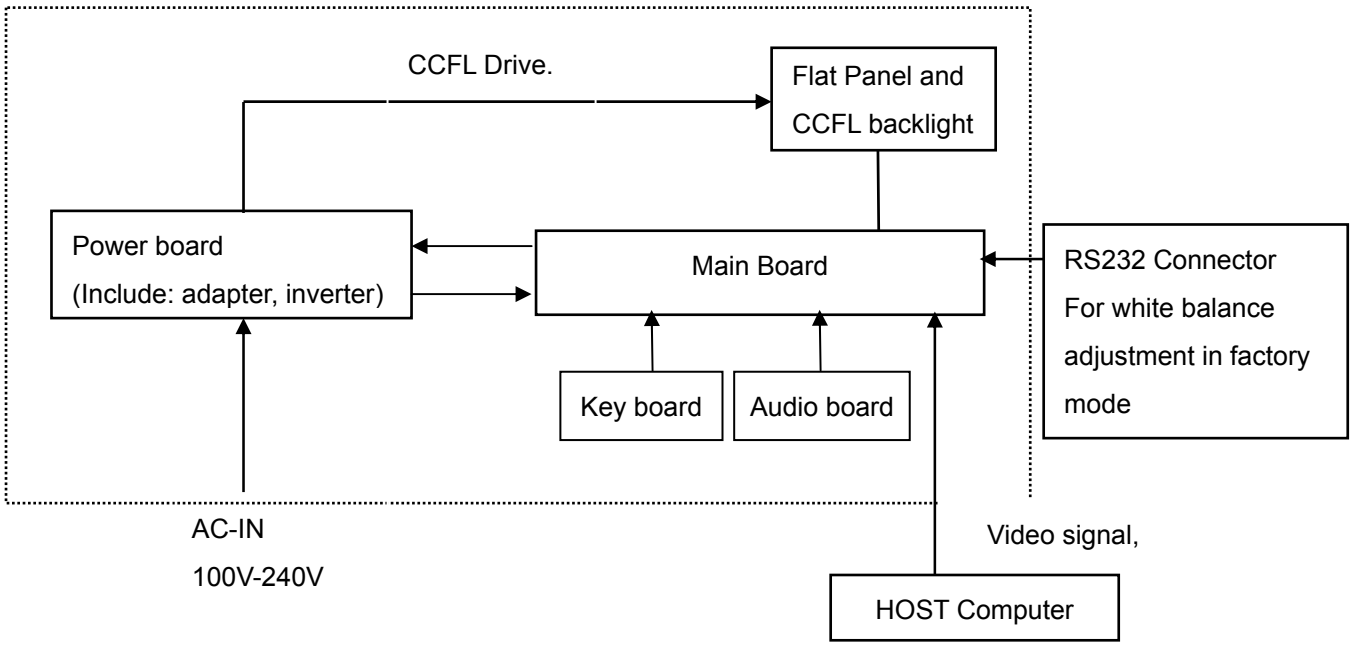
LCD Panel	Driving system	TFT Color LCD
	Size	43.2cm(17.0")
	Pixel pitch	0.264mm(H) × 0.264mm(V)
	Viewable angle	160° (H) 160° (V)
	Response time	5 ms
Input	Video	R,G,B Analog Interface
	Separate Sync.	H/V TTL
	H-Frequency	30kHz – 80kHz
	V-Frequency	50-75Hz
Display Colors	16.2M Colors	
Dot Clock	135MHz	
Max. Resolution	1280 × 1024 @75Hz	
Plug & Play	VESA DDC2B™	
EPA ENERGY STAR®	ON Mode	≤37W
	OFF Mode	≤1W
Input Connector	15-pin D-Sub	
Input Video Signal	Analog:0.7Vp-p(standard), 75 OHM, Positive	
Maximum Screen Size		Horizontal : 338mm Vertical : 270mm
Power Source		100~240VAC,47~63Hz
Environmental Considerations		Operating Temp: 5° to 35°C Storage Temp.: -20° to 60°C Operating Humidity: 10% to 85%
Dimension		376(W)×382(H)×163(D)mm
Weight (N. W.)		4.2kg Unit (net)
Audio Output		Rated Power 1.5W rms (Per channel)
Regulatory Compliance		FCC, MPRII, cULus

2. LCD Monitor Description

The LCD monitor will contain a main board, a power board, a key board and an audio board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight of panel and the main board chips each voltage.

Monitor Block Diagram



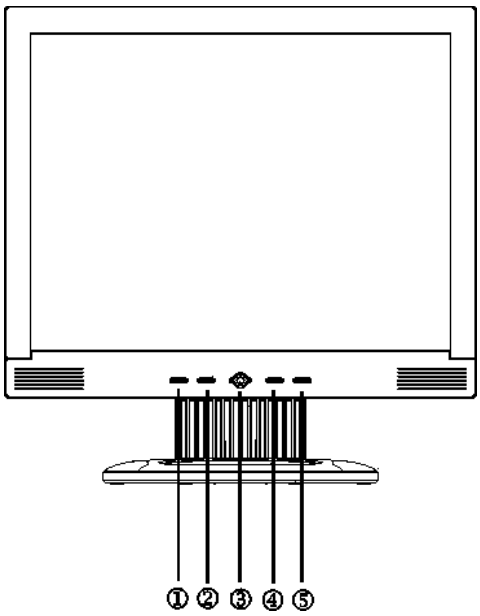
3. Operating Instructions

3.1 General Instructions

Press the power button to turn the monitor on or off. The other control buttons are located at front panel of the monitor (See Figure 3). By changing these settings, the picture can be adjusted to your personal preferences.

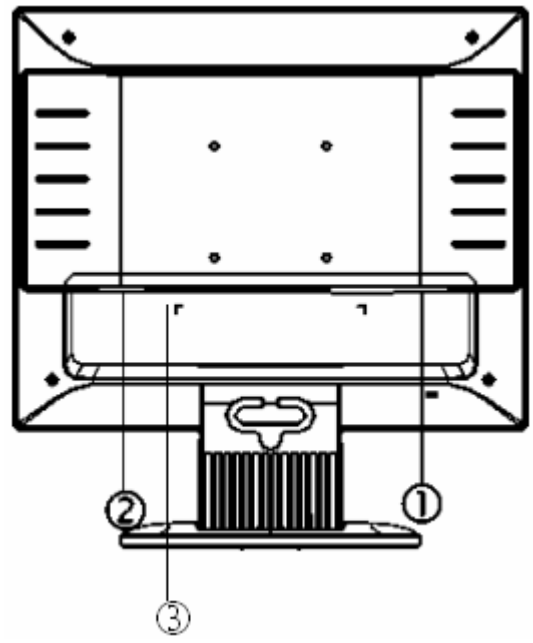
- The power cord should be connected.
- Connect the video cable from the monitor to the video card.
- Press the power button to turn on the monitor position. The power indicator will light up.

3.2 Control Buttons



External Controls

1.	Auto Adjust Key/Exit	2.	Volume
3.	Power Button/ LED	4.	Volume
5.	MENU / ENTER	6.	



1.	D-Sub Cable
2.	AC Power Cord
3.	Audio Cable

Front Panel Control

- **Power Button:**

  Press this button to turn the monitor ON or OFF.

- **Power Indicator:**

  Green — Power On mode.

  Orange — Off mode.

- **MENU / ENTER:**

  Activate OSD menu when OSD is OFF or activate/de-activate adjustment function when OSD is ON or Exit OSD menu when in Brightness /Contrast Adjust OSD status.

- **Volume:**

  Increase volume or adjust function.

- **Volume**:

  Decrease volume or adjust function.

- **Auto Adjust button / Exit:**

  1. When OSD menu is in active status, this button will act as EXIT-KEY (EXIT OSD menu).
  2. When OSD menu is in off status, press this button for 2 seconds to activate the Auto Adjustment function. The Auto Adjustment function is used to set the HPos, VPos, Clock and Focus.

OSD Lock Function: To lock the OSD, press and hold the MENU button while the monitor is off and then press power button to turn the monitor on. To un-lock the OSD - press and hold the MENU button while the monitor is off and then press power button to turn the monitor on.

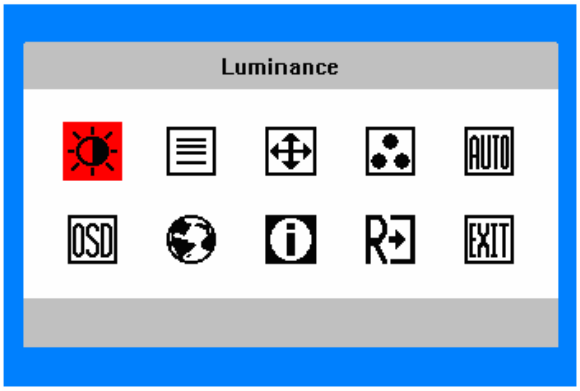
NOTES

- Do not install the monitor in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, or excessive dust or mechanical vibration or shock.
- Save the original shipping carton and packing materials, as they will come in handy if you ever have to ship your monitor.
- For maximum protection, repackage your monitor as it was originally packed at the factory.
- To keep the monitor looking new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner, benzene, or abrasive cleaners, since these will damage the cabinet. As a safety precaution, always unplug the monitor before cleaning it.

3.3 Adjusting The Picture

Press the MENU-button to activate the OSD window.

1. Press < or > to navigate through the functions. Once the desired function is highlighted, press the MENU-button to activate it. If the function selected has a sub-menu, press < or > again to navigate through the sub-menu functions. Once the desired function is highlighted, press MENU-button to activate it.
2. Press < or > to change the settings of the selected function.
3. To exit and save, select the exit function. If you want to adjust any other function, repeat steps 2-3.



Adjusting The Picture

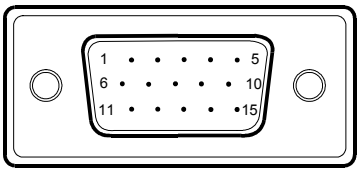
The descriptions for function control LEDS

Main Menu Item	Main Menu Icon	Sub Menu Item	Sub Menu Icon	Description
Luminance		Contrast		Contrast from Digital-register.
		Brightness		Backlight Adjustment
Image Setup		Focus		Adjust Picture Phase to reduce Horizontal-Line noise
		Clock		Adjust picture Clock to reduce Vertical-Line noise.
Image Position		H. Position		Adjust the horizontal position of the picture.
		V. Position		Adjust the vertical position of the picture.
Color Temp.		Warm	N/A	Recall Warm Color Temperature from EEPROM.
		Cool	N/A	Recall Cool Color Temperature from EEPROM.
		sRGB	N/A	Recall sRGB Temperature from EEPROM.
		User / Red		Red Gain from Digital-register.
		User / Green		Green Gain Digital-register.
		User / Blue		Blue Gain from Digital-register.
Auto Config		Yes	N/A	Auto Adjust the H/V Position, Focus and Clock of picture.
		No	N/A	Do not execute Auto Config, return to main menu.

Main Menu Item	Main Menu Icon	Sub Menu Item	Sub Menu Icon	Description
OSD Setup		H. Position		Adjust the horizontal position of the OSD.
		V. Position		Adjust the vertical position of the OSD.
		OSD Timeout		Adjust the OSD timeout.
Language		Language	N/A	Select the language you like.
Information		Information	N/A	Show the resolution, H/V frequency and input port of current input timing.
Reset		Yes	N/A	Clear each old status of Auto-configuration.
		No	N/A	Do not execute reset, return to main menu.
Exit		N/A	N/A	Exit OSD

4. Input/Output Specification

4.1 Input Signal Connector

Pin No.	Description	Pin No.	Description
1.	Red Video	9.	+ 5V
2.	Green Video	10.	Detect Cable
3.	Blue Video	11.	RXD
4.	TXD	12.	DDC-Serial Data
5.	Ground	13.	H-Sync
6.	Red Ground	14.	V-Sync
7.	Green Return	15.	DDC-Serial Clock
8.	Blue Return		
Analog Connector			
			

4.2 Factory Preset Display Modes

Standard	Resolution	Horizontal Frequency	Vertical Frequency
Dos-mode	720 × 400	31.47kHz	70Hz
VGA	640 × 480	31.47kHz	60Hz
	640 × 480	35.00kHz	66.6Hz
	640 × 480	37.50kHz	75Hz
	640 × 480	37.86kHz	72Hz
SVGA	800 × 600	37.879kHz	60Hz
	800 × 600	46.875kHz	75Hz
	800 × 600	35.16kHz	56Hz
	800 × 600	48.01kHz	72Hz
	832 × 624	49.725kHz	75Hz
XGA	1024 × 768	48.363kHz	60Hz
	1024 × 768	56.476kHz	70Hz
	1024 × 768	60.02kHz	75Hz
SXGA	1280 × 1024	64.00kHz	60Hz
	1280 × 1024	80.00kHz	75Hz

4.3 Panel Specification

CLAA170EA07P is 17.0” color TFT-LCD (Thin Film Transistor Liquid Crystal Display) module composed of LCD panel, driver ICs, control circuit and backlight. By applying 8 bit digital data, 1280×1024, 16.2M-color images are displayed on the 17.0” diagonal screen. Input power voltage is 5.0V for LCD driving. Inverter for backlight is not included in this module.

4.3.1 Display Characteristics

ITEM	SPECIFICATION
Display Area(mm)	337.920(H)x270.336(V) (17.0-inch diagonal)
Number of Pixels	1280(H)x1024(V)
Pixel Pitch(mm)	0.264(H)x0.264(V)
Color Pixel Arrangement	RGB vertical stripe
Display Mode	normally white, TN
Number of Colors	16.2M(6 Bit+FRC)
Brightness(cd/m^2)	300 cd/m^2(Typ.)(Center point, Lamp current=7.5 mA)
Viewing Angle	160 / 160(Typ.)
Surface Treatment	Anti-glare
Power consumption(W)	23.7 (Typ.)
Module Size(mm)	358.5(W)x296.5(H)x17.5(D)(max)
Module Weight(g)	2200(typ)
Backlight Unit	CCFL, 4 tables, edge-light(top*2/bottom*2)

4.3.2 Optical Characteristics

Ta=25℃，VCC=5.0V

ITEM		SYMBOL	CONDITION	min	typ	max	UNIT
Contrast Ratio		CR	θ= ϕ = 0°	550	700	--	--
Luminance(CEN)		L	θ= ϕ = 0°	250	300	--	cd/m^2
9P Uniformity		ΔL	θ= ϕ = 0°	75	--	--	%
Response Time		Tr	θ= ϕ = 0°	--	2	4	ms
		Tf	θ= ϕ = 0°	--	3	6	ms
Crosstalk		CT	θ= ϕ = 0°	0	--	1	%
Viewing Angle	Horizontal	ϕ	CR≧10	135	160	--	°
	Vertical	θ		135	160	--	°
Color Coordinates	White	X Y	θ= ϕ = 0°	0.283 0.299	0.313 0.329	0.343 0.359	Color Coordinates
	Red	X Y		0.625 0.297	0.655 0.327	0.685 0.357	
	Green	X Y		0.243 0.587	0.273 0.617	0.303 0.647	
	Blue	X Y		0.114 0.049	0.144 0.079	0.174 0.109	
Gamut		CG	θ= ϕ = 0°	70	72	--	%
Gamma		γ	VESA	2.0	2.2	2.4	--

4.3.3. Electrical Characteristics

(1)TFT-LCD

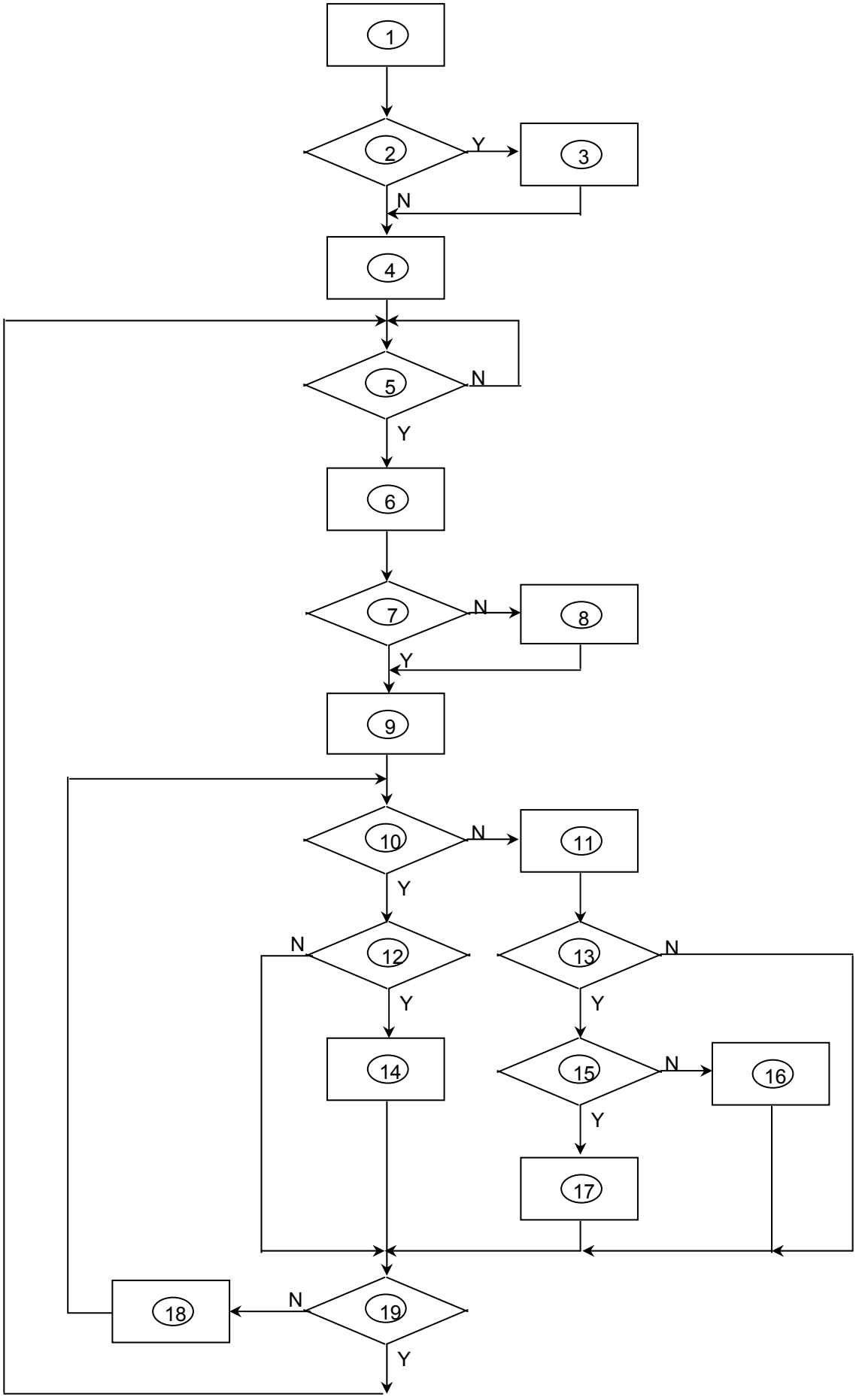
ITEM		SYMBOL	MIN	TYP	MAX	UNIT
Power Supply Voltage for LCD		Vcc	4.5	5.0	5.5	V
Power Supply Current for LCD		Icc	-	700	950	mA
Permissive Input Ripple Voltage		VRP	-	-	100	mVp-p
Differential impedance		Zm	90	100	110	Ω
Logic input voltage LVDS:IN+，IN-	Common Mode Voltag	VCM	1.125	1.25	1.375	V
	Differential Input Voltage	|VID|	250	350	450	mV
	Threshold Voltage(High)	VTH	-	-	100	mV
	Threshold Voltage(Low)	VTL	-100	-	-	mV
LCD Inrush Current		Inrush			3	A
Power consumption		P		3.5	4.75	W

(2)Backlight

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
B/L Voltage	VL	575	636	699	Vrms
B/L Current	IL	7.0	7.5	8.0	mArms
B/L operating current	ILO	3.0	7.5	8.0	mArms
B/L power comsuption	WL	--	20.2	22.2	W
Inverter Frequency	FI	45	50	65	kHz
Starting Lamp Voltage	VS	--	--	1600	Vrms
		--	--	1100	Vrms

5. Block Diagram

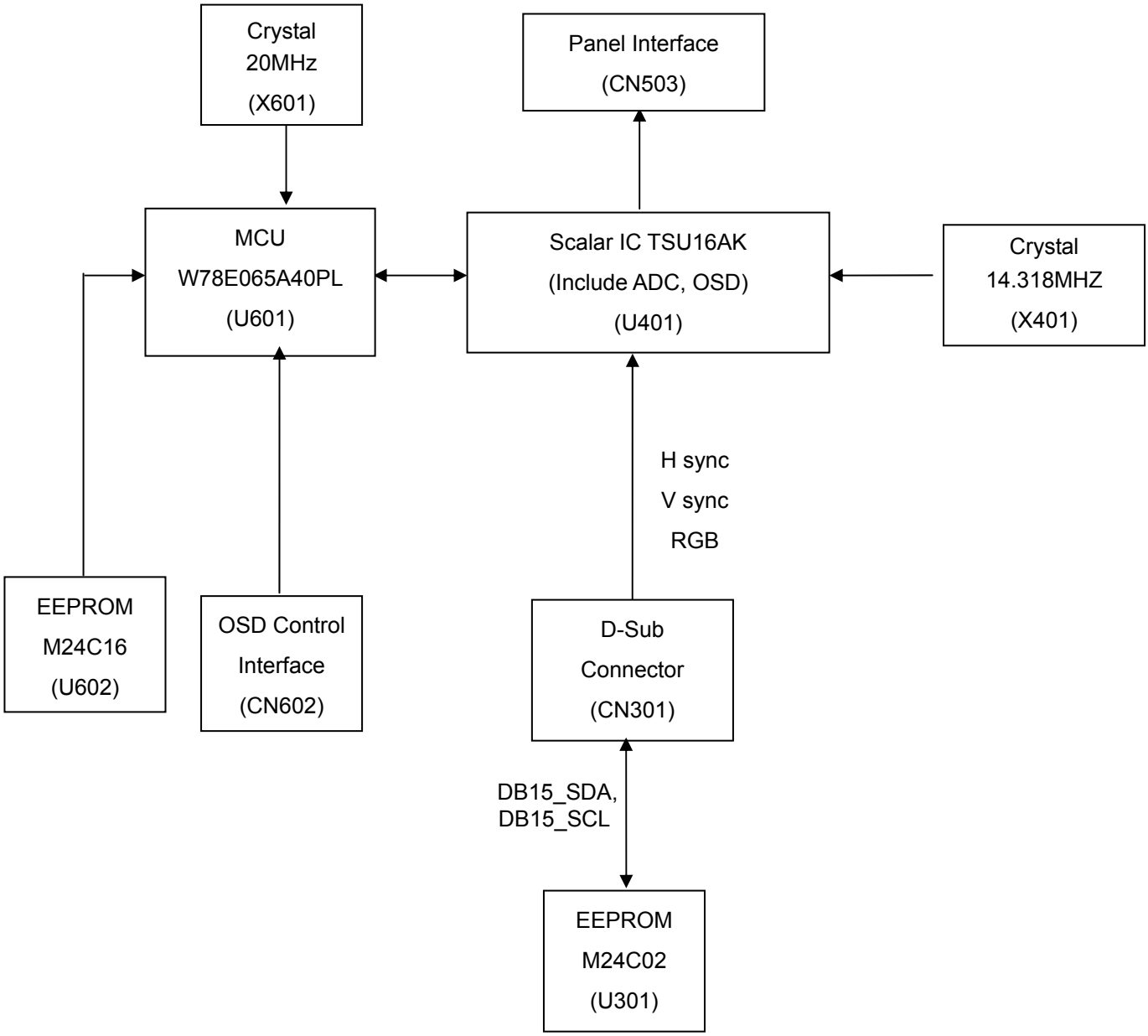
5.1 Software Flow Chart



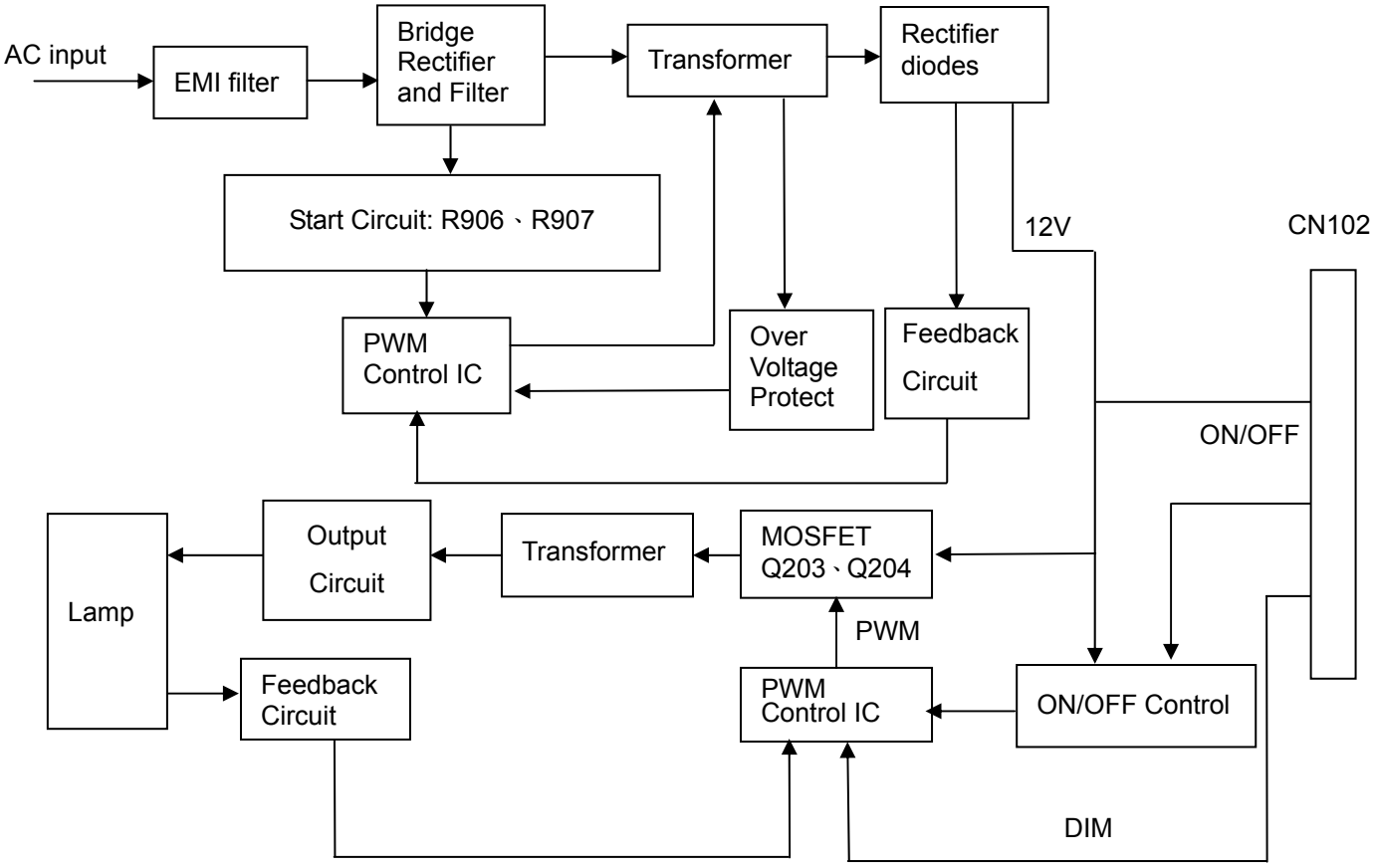
1) MCU initializes.
2) Is the EPROM blank?
3) Program the EPROM by default values.
4) Get the PWM value of brightness from EPROM.
5) Is the power key pressed?
6) Clear all global flags.
7) Are the AUTO and SELECT keys pressed?
8) Enter factory mode.
9) Save the power key status into EPROM.
   Turn on the LED and set it to green color.
   Scalar initializes.
10) In standby mode?
11) Update the lifetime of back light.
12) Check the analog port, are there any signals coming?
13) Does the scalar send out an interrupt request?
14) Wake up the scalar.
15) Are there any signals coming from analog port?
16) Display "No connection Check Signal Cable" message. And go into standby mode after the message disappears.
17) Program the scalar to be able to show the coming mode.
18) Process the OSD display.
19) Read the keyboard. Is the power key pressed?

5.2 Electrical Block Diagram

5.2.1 Main Board

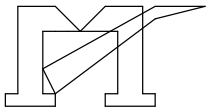


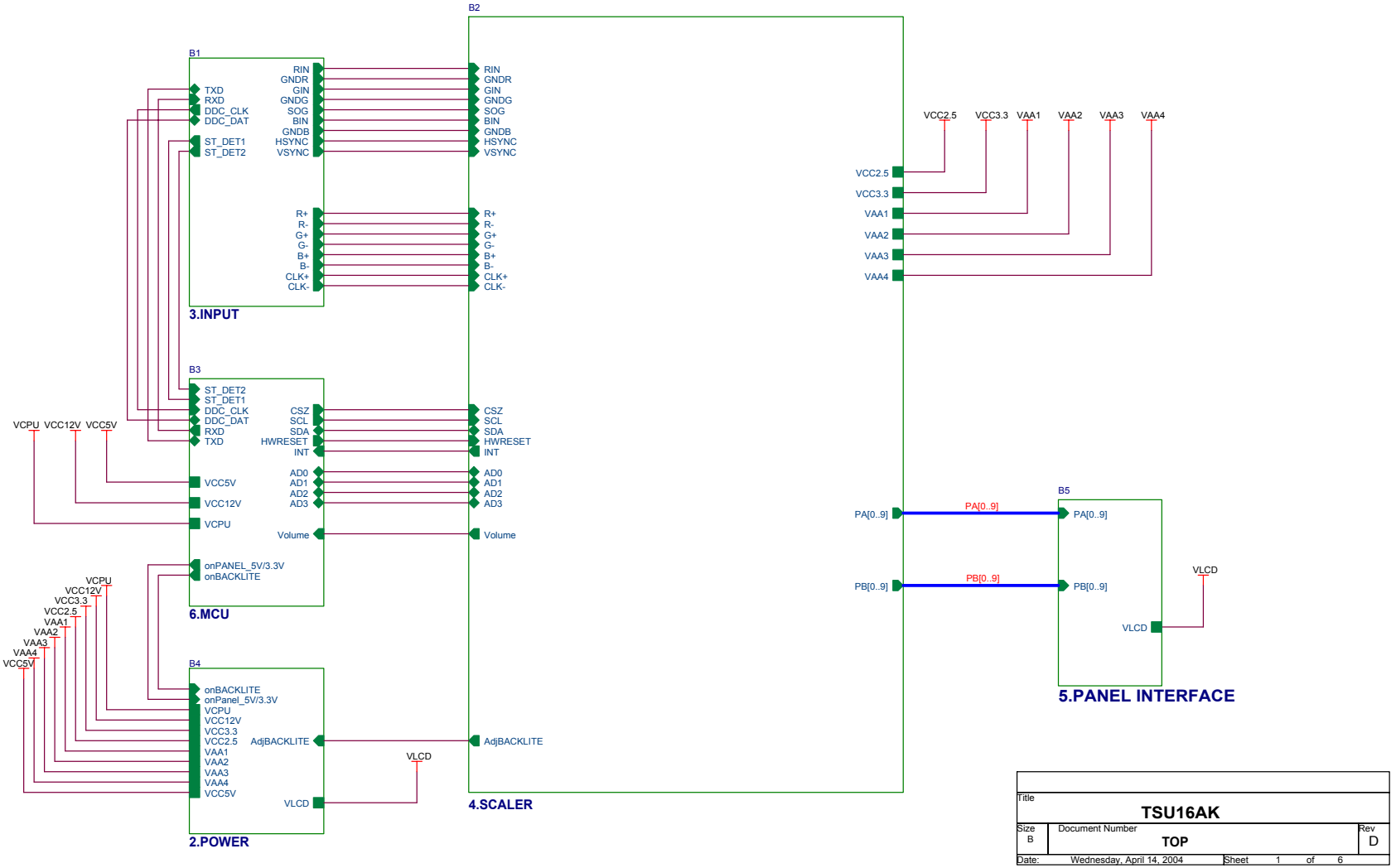
5.2.2 Power Board

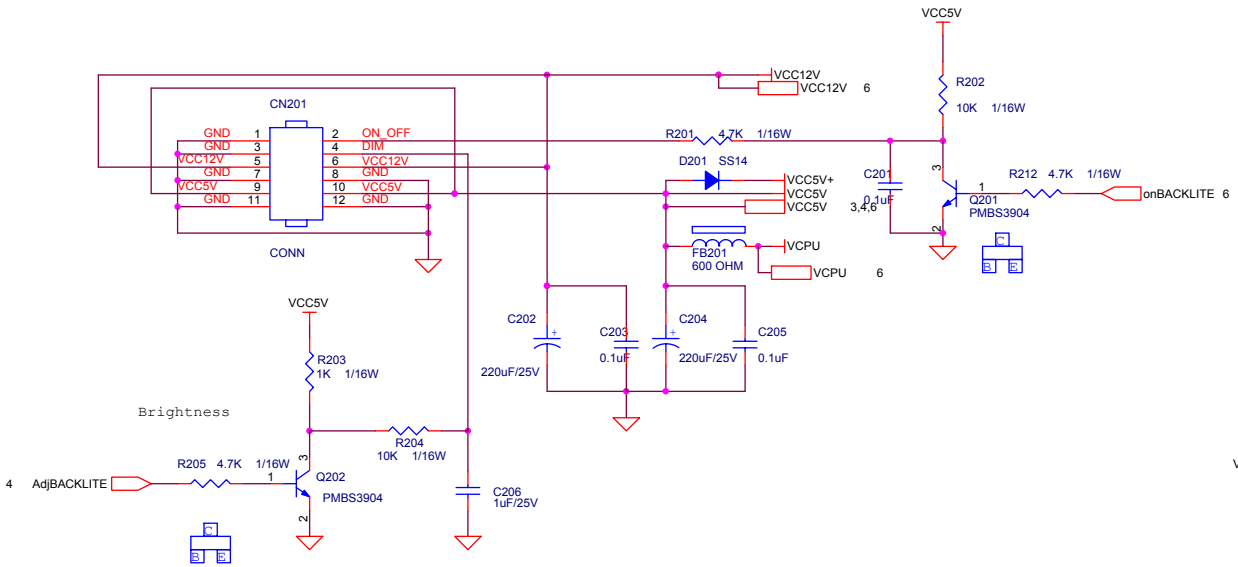


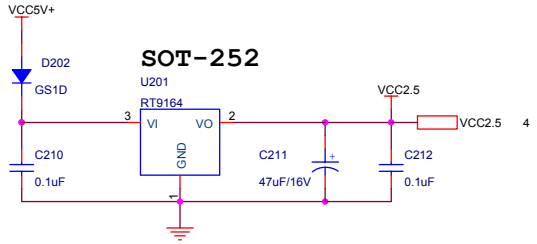
6. Schematic

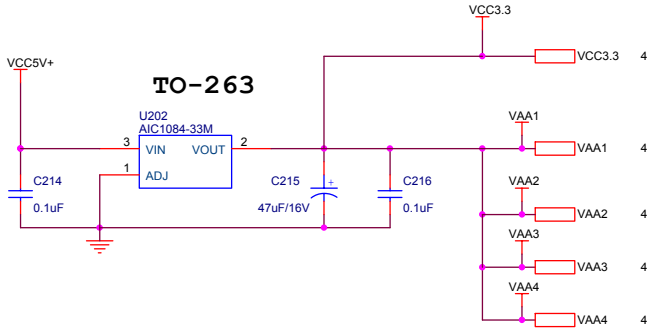
6.1 Main Board



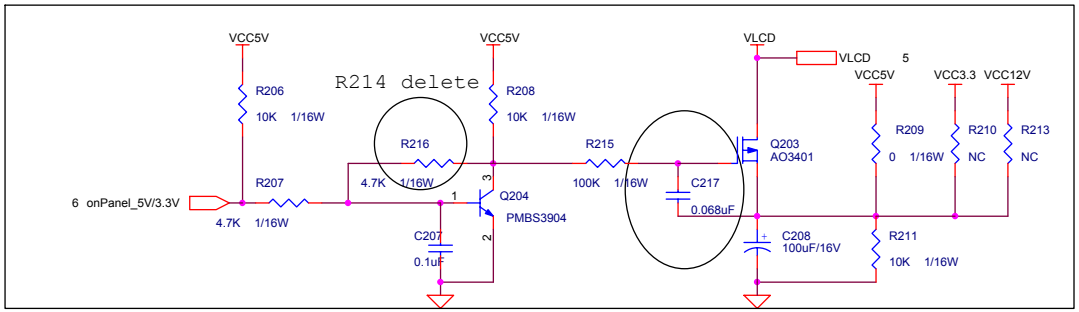








NEW Circuit



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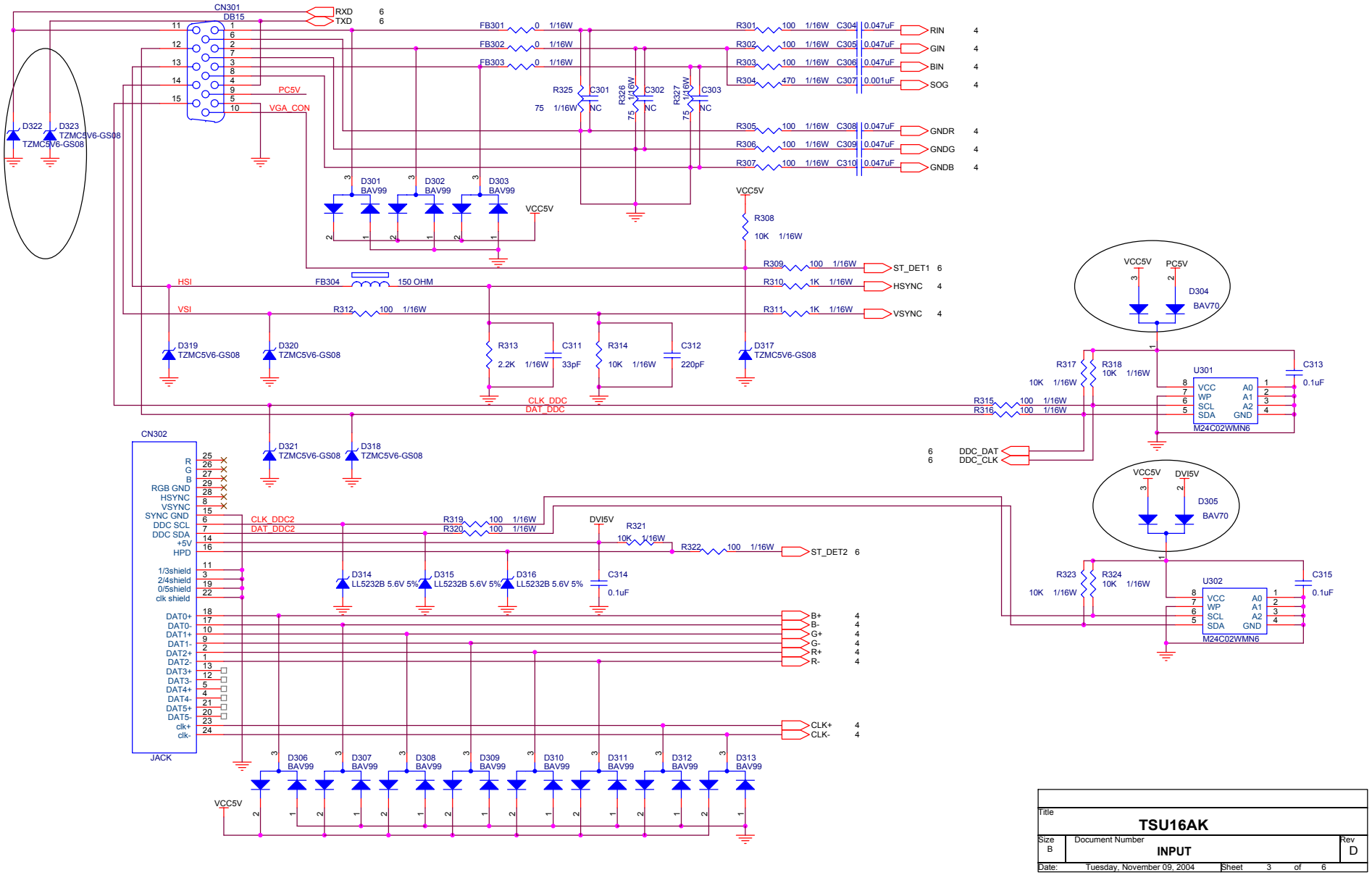

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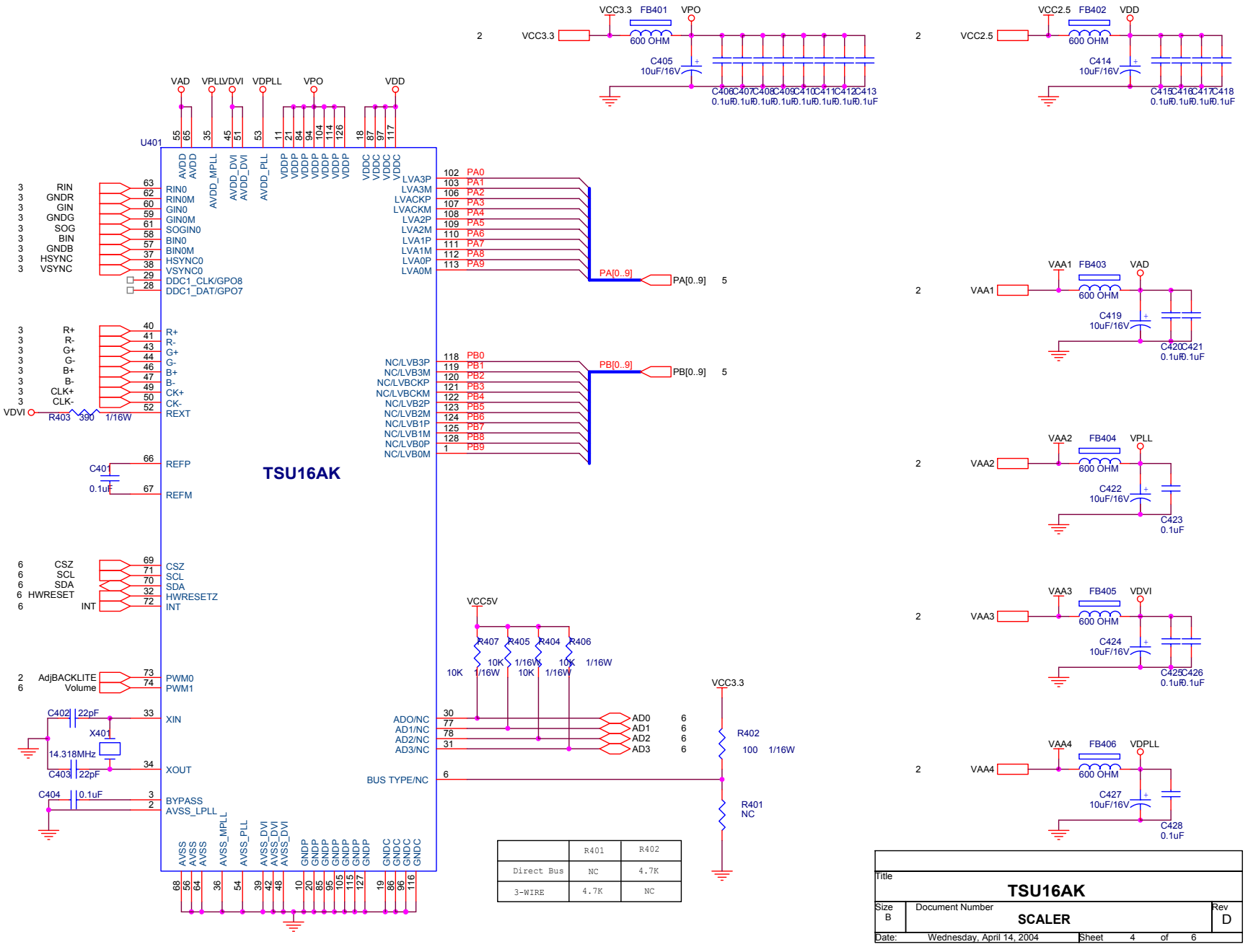
TSU16AK
U401
VAD VPLL VDVI VDPLL VPO VDD
RIN GNDR GIN GNDG SOG BIN GNDB HSYNC VSYNC
RIN0 RIN0M GIN0 GIN0M SOGIN0 BIN0 BIN0M HSYNC0 VSYNC0
DDC1_CLK/GPO8 DDC1_DAT/GPO7
R+ R- G+ G- B+ B- CK+ CK- REXT
R403 390 1/16W
C401 0.1uF
REFP REFM
CSZ SCL SDA HWRESETZ INT
AdjBACKLITE Volume
PWM0 PWM1
C402 22pF
X401 14.318MHz
C403 22pF
XIN XOUT
C404 0.1uF
BYPASS AVSS_LPLL
LVA3P LVA3M LVACKP LVACKM LVA2P LVA2M LVA1P LVA1M LVA0P LVA0M
PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7 PA8 PA9
PA[0..9]
NC/LVB3P NC/LVB3M NC/LVBCKP NC/LVBCKM NC/LVB2P NC/LVB2M NC/LVB1P NC/LVB1M NC/LVB0P NC/LVB0M
PB0 PB1 PB2 PB3 PB4 PB5 PB6 PB7 PB8 PB9
PB[0..9]
ADO/NC AD1/NC AD2/NC AD3/NC
AD0 AD1 AD2 AD3
BUS TYPE/NC
VCC5V
R407 10K 1/16W
R405 10K 1/16W
R404 10K 1/16W
R406 10K 1/16W
VCC3.3
R402 100 1/16W
R401 NC
VCC3.3 FB401 VPO
600 OHM
C405 10uF/16V
C406 0.1uF C407 0.1uF C408 0.1uF C409 0.1uF C410 0.1uF C411 0.1uF C412 0.1uF C413 0.1uF
VCC2.5 FB402 VDD
C414 10uF/16V
C415 0.1uF C416 0.1uF C417 0.1uF C418 0.1uF
VAA1 FB403 VAD
C419 10uF/16V
C420 0.1uF C421 0.1uF
VAA2 FB404 VPLL
C422 10uF/16V
C423 0.1uF
VAA3 FB405 VDVI
C424 10uF/16V
C425 0.1uF C426 0.1uF
VAA4 FB406 VDPLL
C427 10uF/16V
C428 0.1uF
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3-WIRE 4.7K NC
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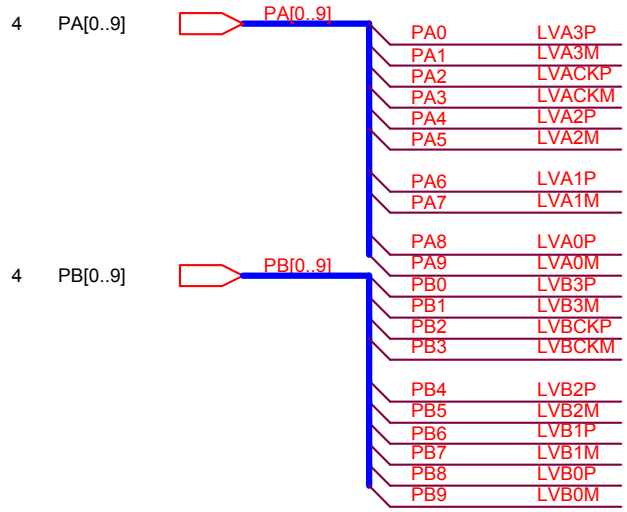

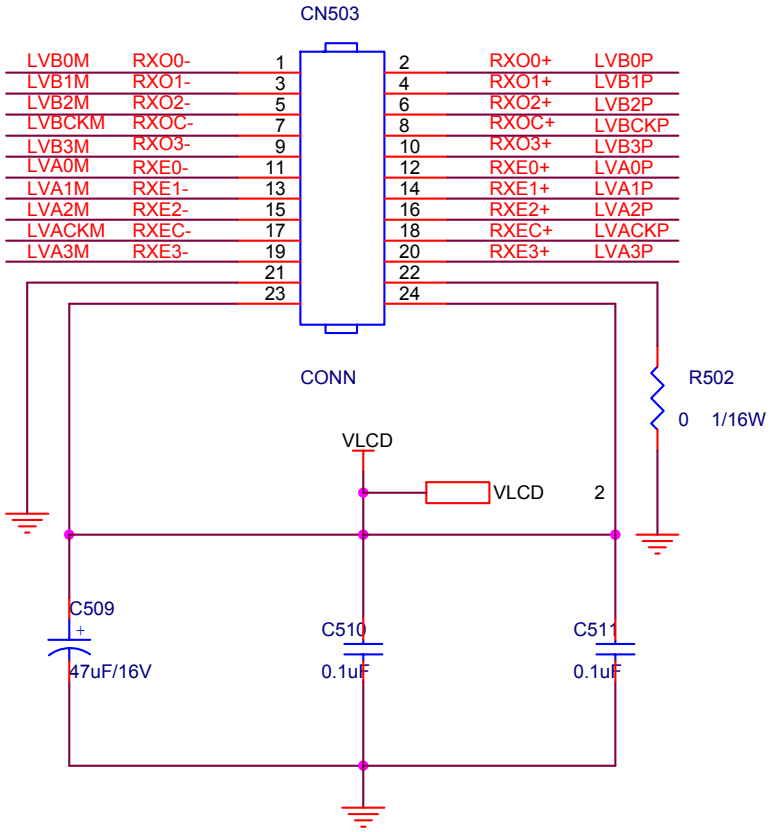

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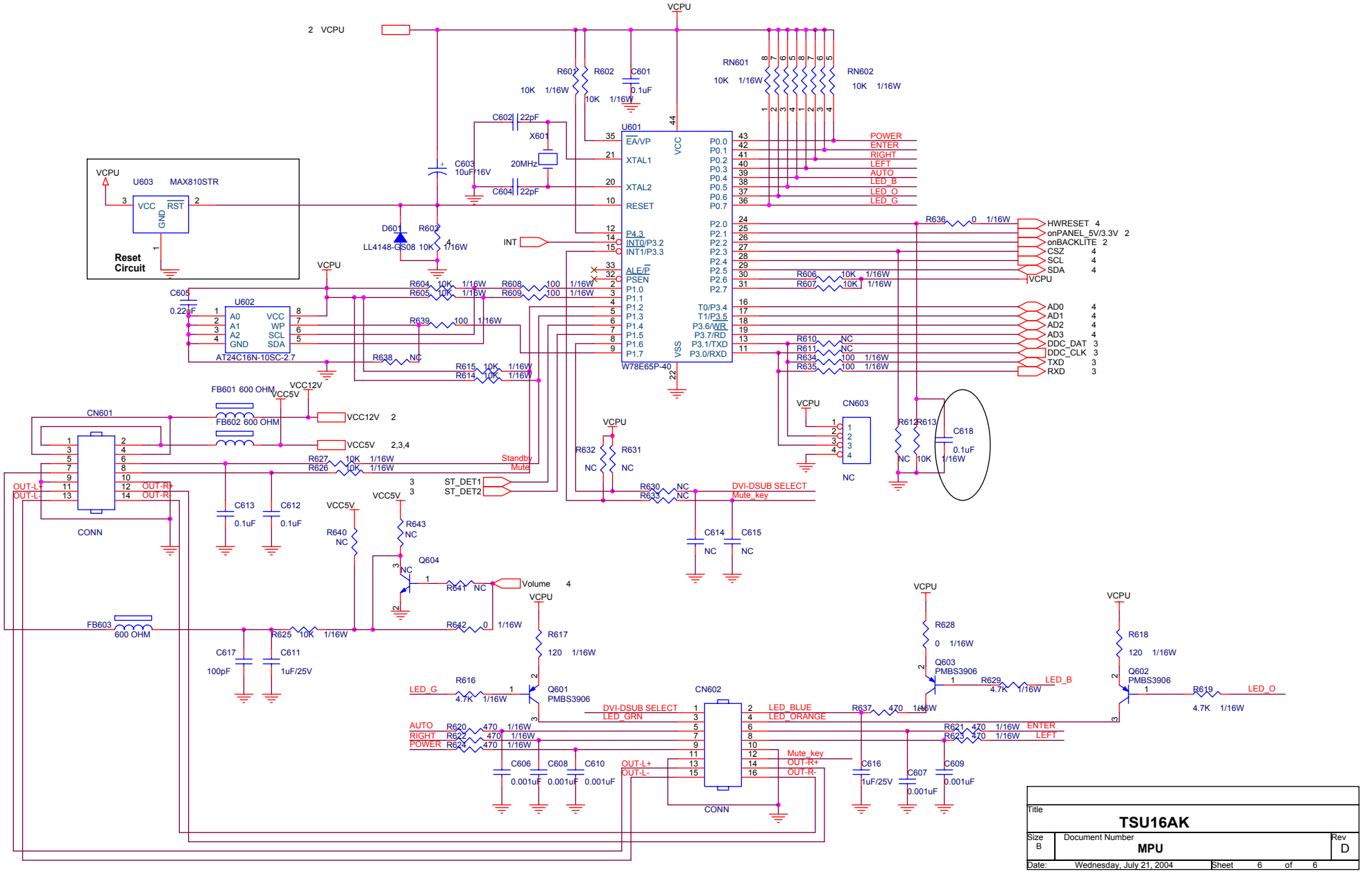
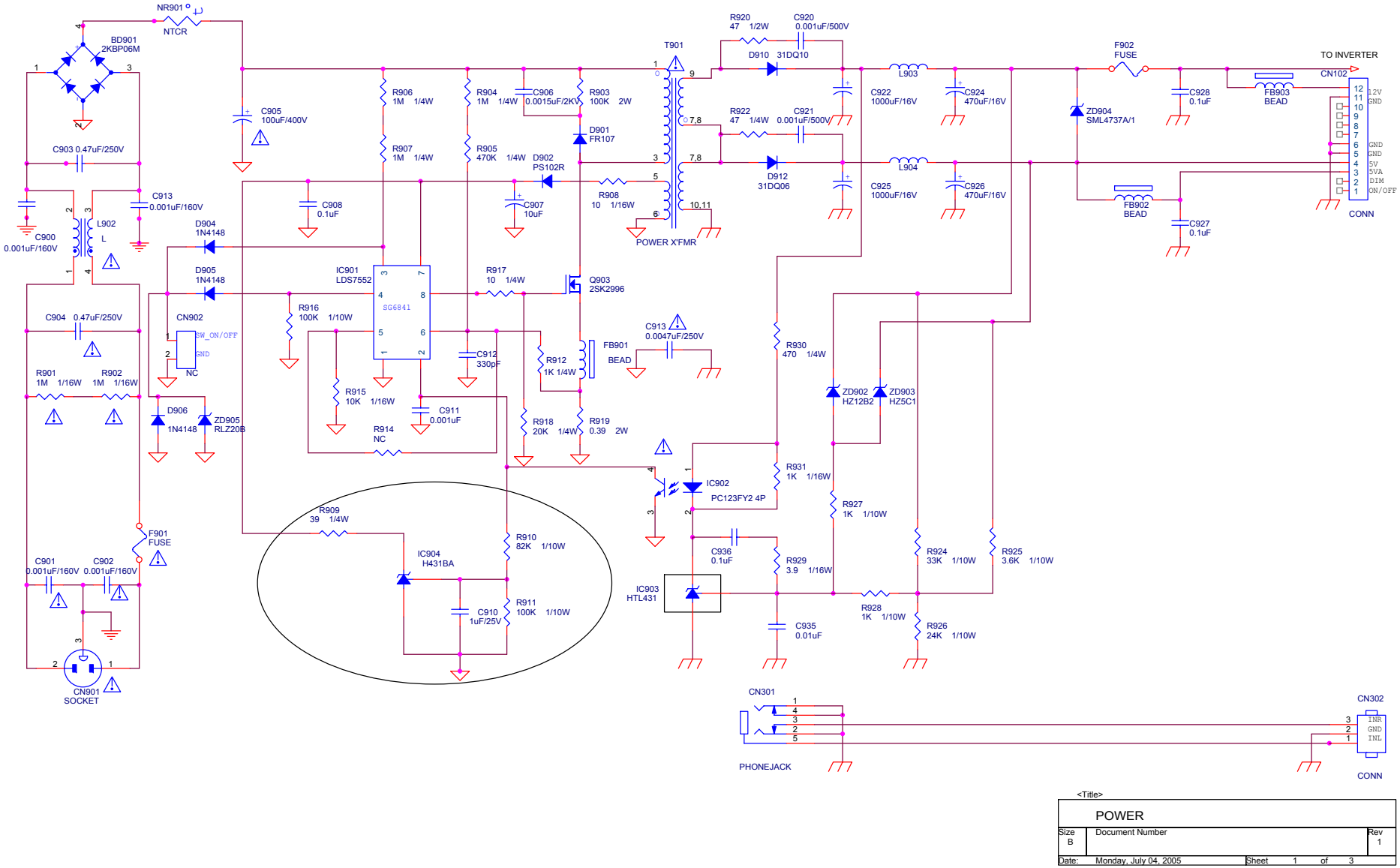
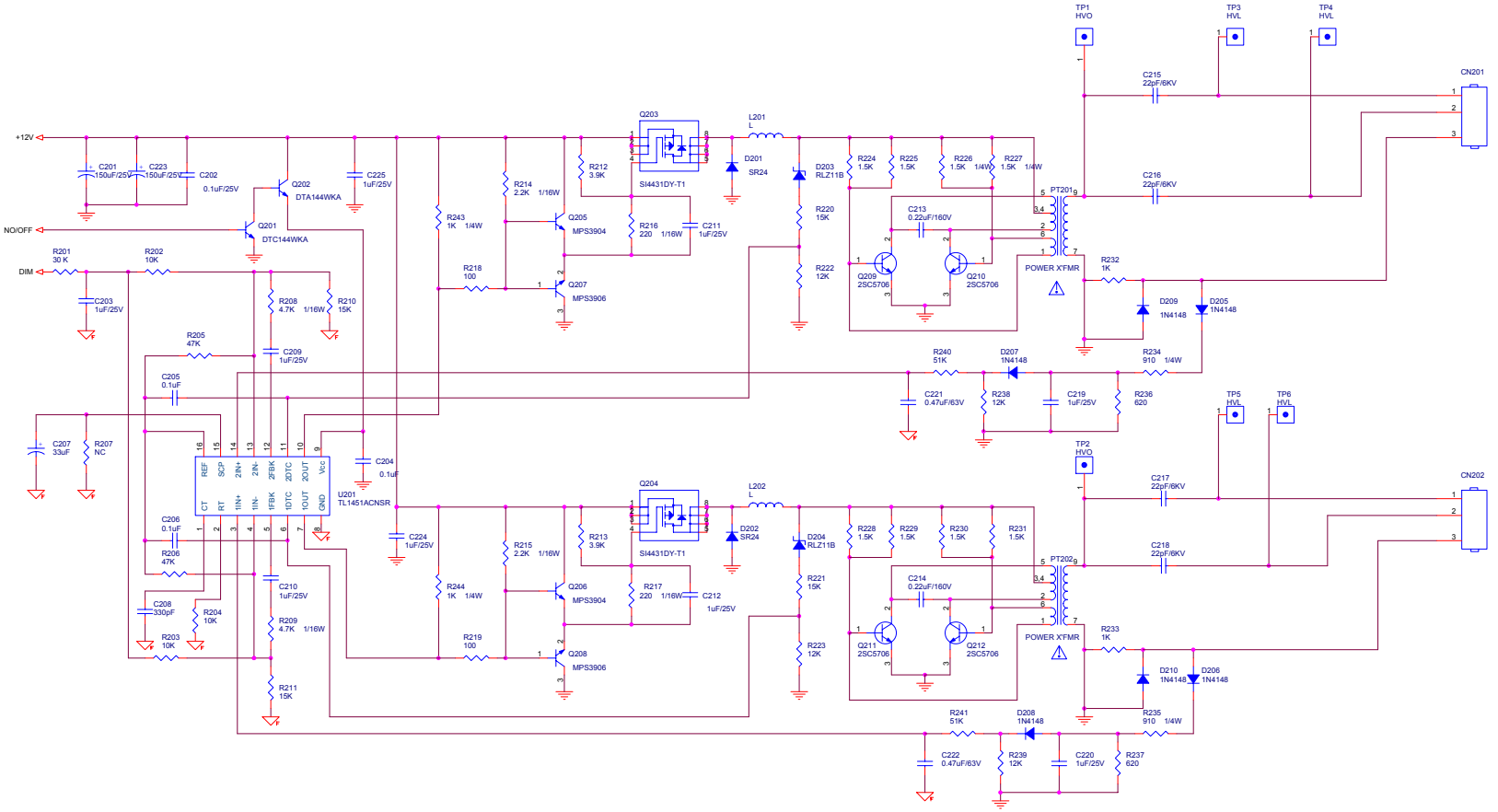

VCPU
U603 MAX810STR
Reset Circuit
U601
W78E65P-40
X601
20MHz
C602 22pF
C604 22pF
C603 10uF/16V
C601 0.1uF
RN601
RN602
POWER
ENTER
RIGHT
LEFT
AUTO
LED_B
LED_O
LED_G
HWRESET
onPANEL_5V/3.3V
onBACKLITE
CSZ
SCL
SDA
AD0
AD1
AD2
AD3
DDC_DAT
DDC_CLK
TXD
RXD
U602
AT24C16N-10SC-2.7
CN601
CONN
CN603
CN602
FB601 600 OHM
FB602 600 OHM
FB603 600 OHM
VCC12V
VCC5V
Standby Mute
ST_DET1
ST_DET2
DVI-DSUB SELECT
Mute_key
Volume
Q601 PMBS3906
Q602 PMBS3906
Q603 PMBS3906
Q604
LED_BLUE
LED_ORANGE
LED_GRN
OUT-L+
OUT-L-
OUT-R+
OUT-R-
Title
TSU16AK
Size B
Document Number
MPU
Rev D
Date: Wednesday, July 21, 2004
Sheet 6 of 6

6.2 Power Board



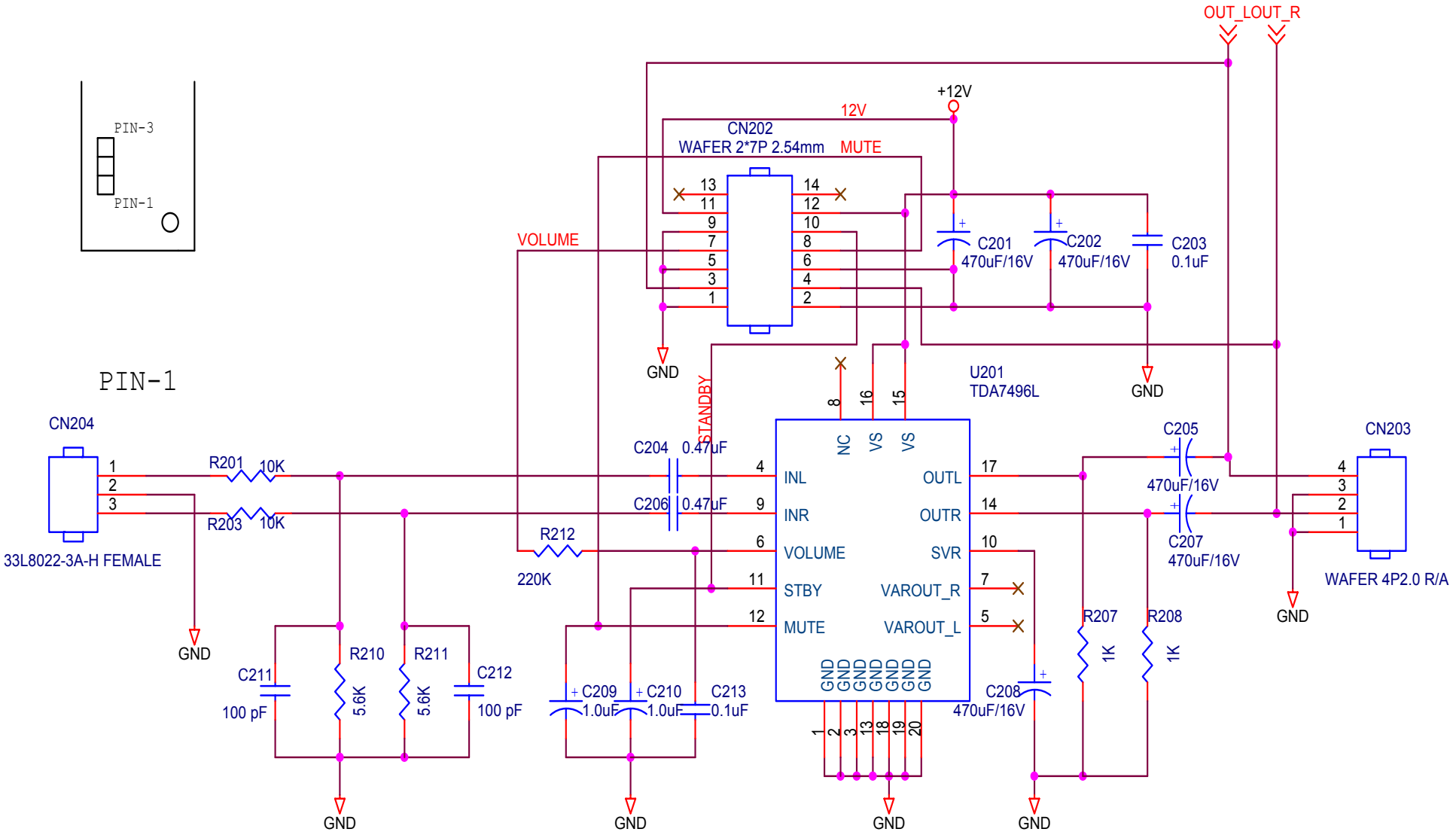


is power GND

is signal GND

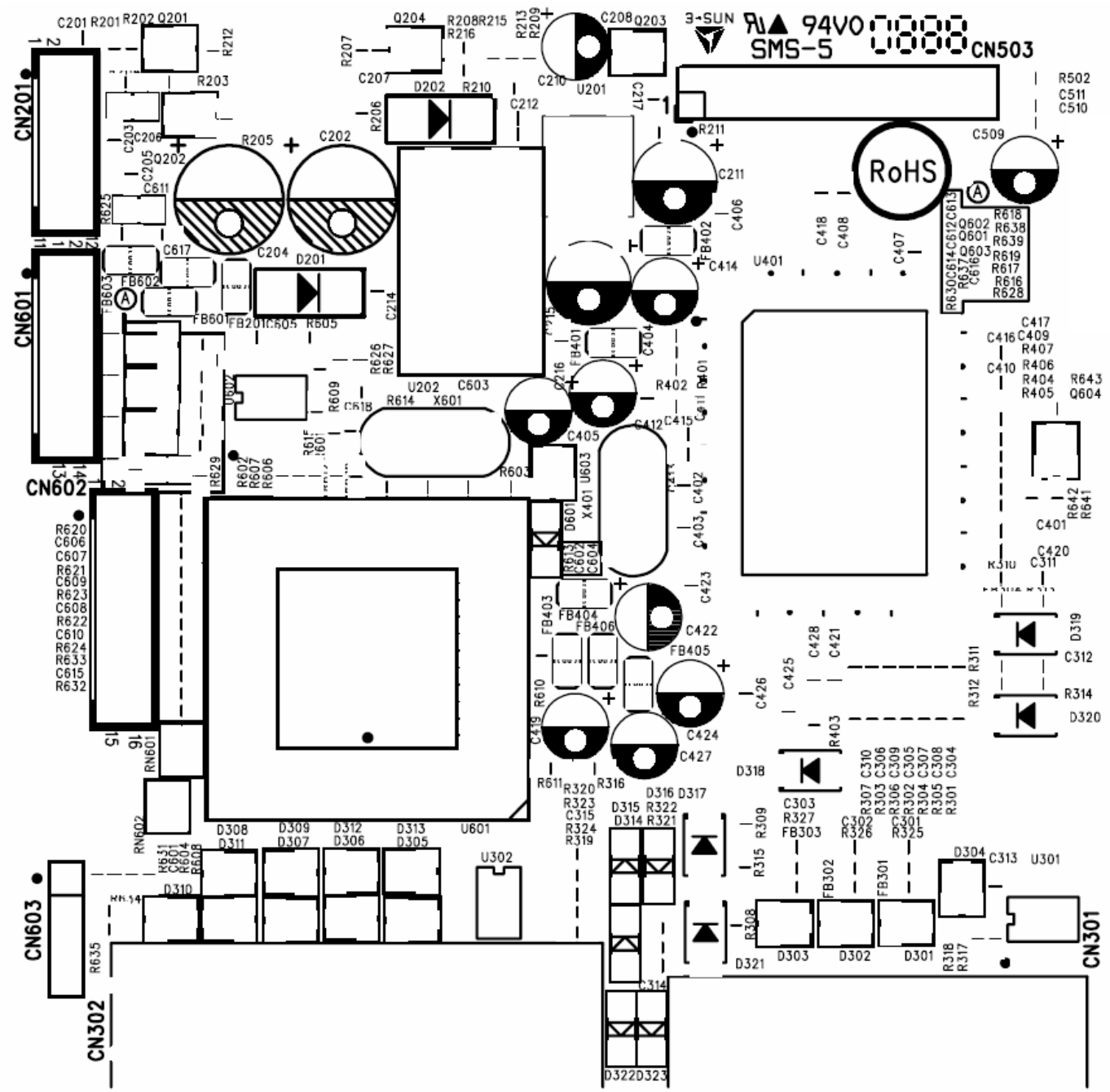
AOC (Top Victory) Electronics Co., Ltd.		
Title: FOR SAMSUNG M170EU-L01 INVERTER		
Size: C	Document Number: Monday, July 04, 2005	Rev: 2
Date:	Sheet 2 of 2	

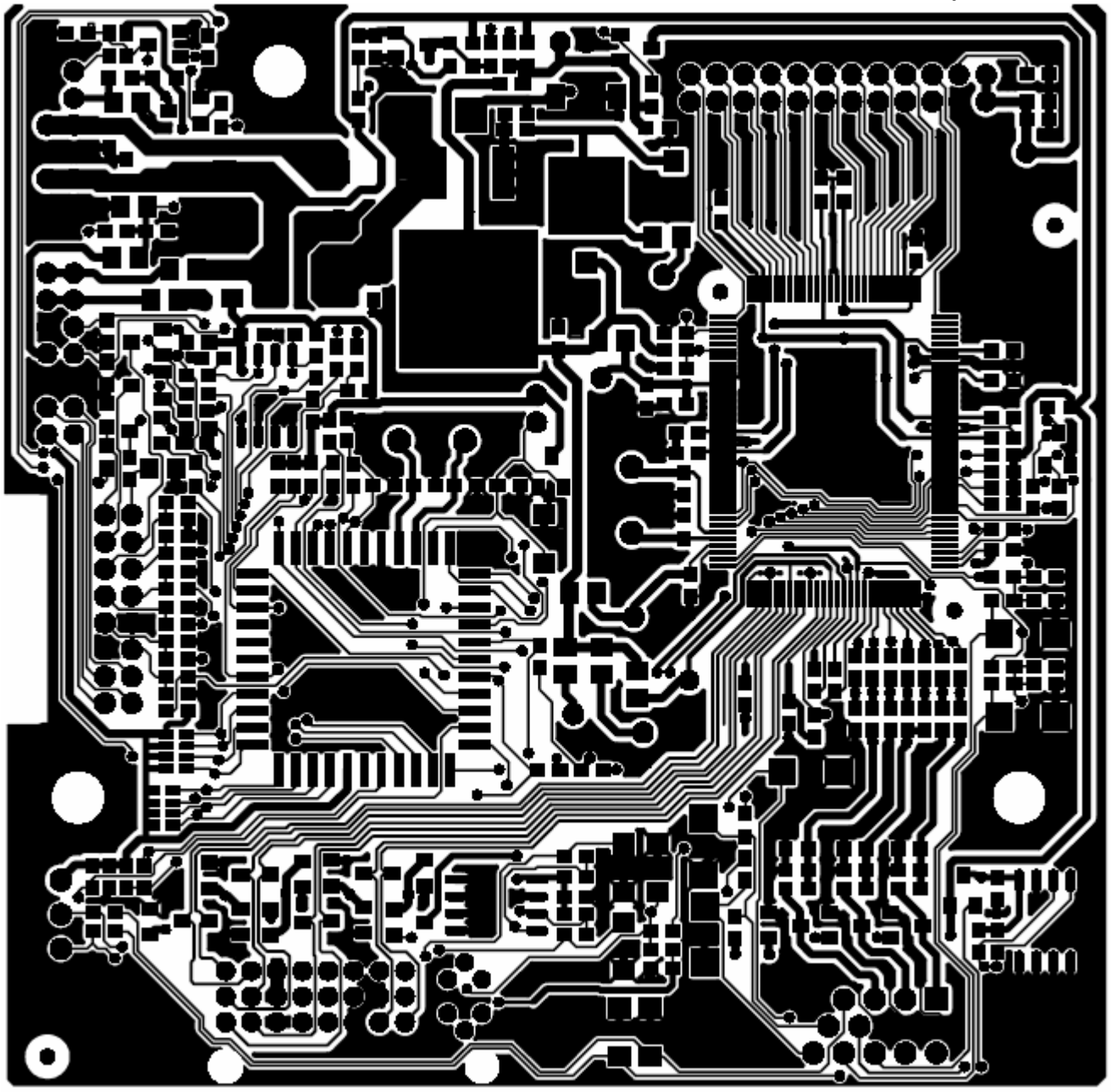
6.3 Audio Board



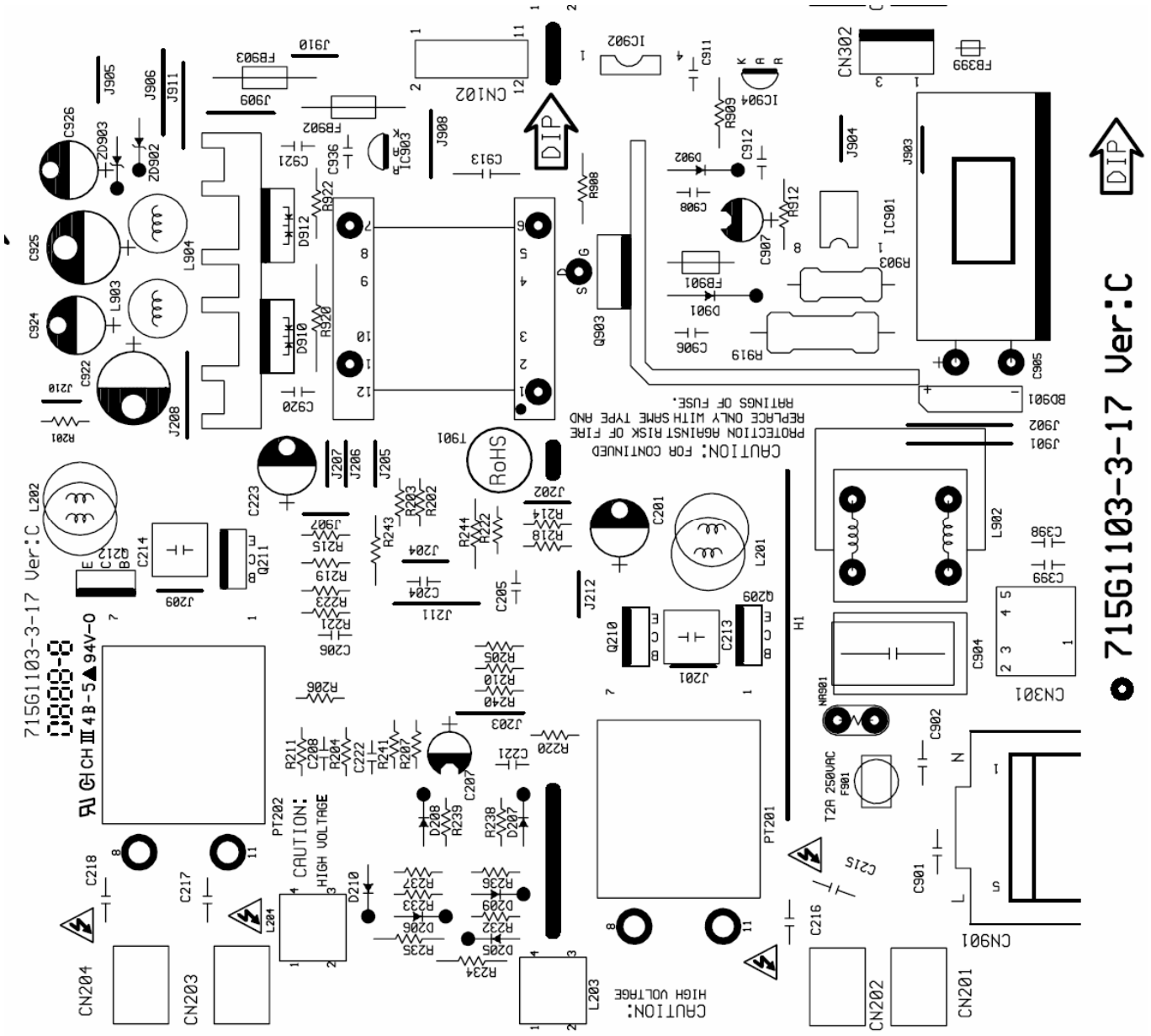
7. PCB Layout

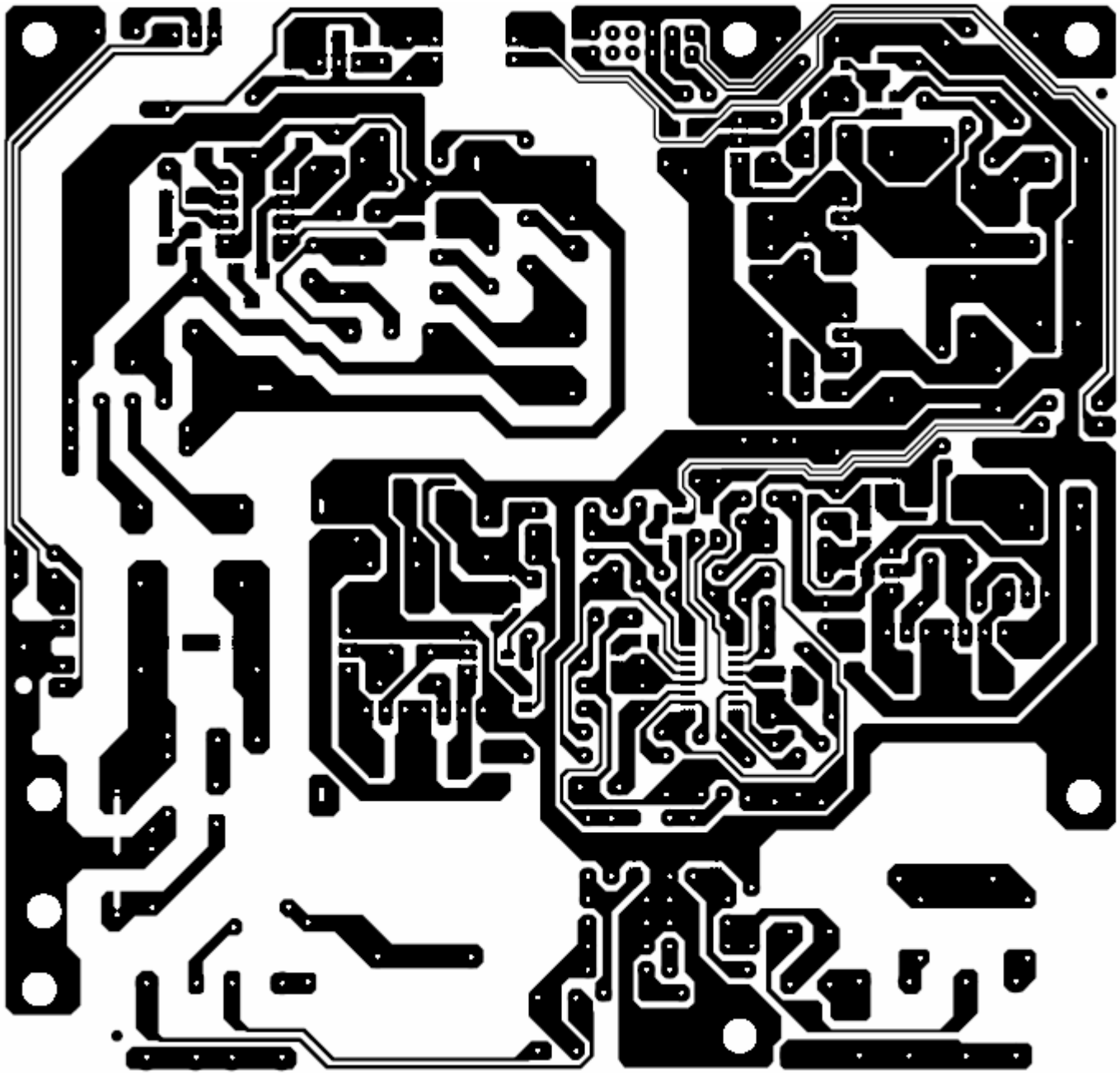
7.1 Main Board



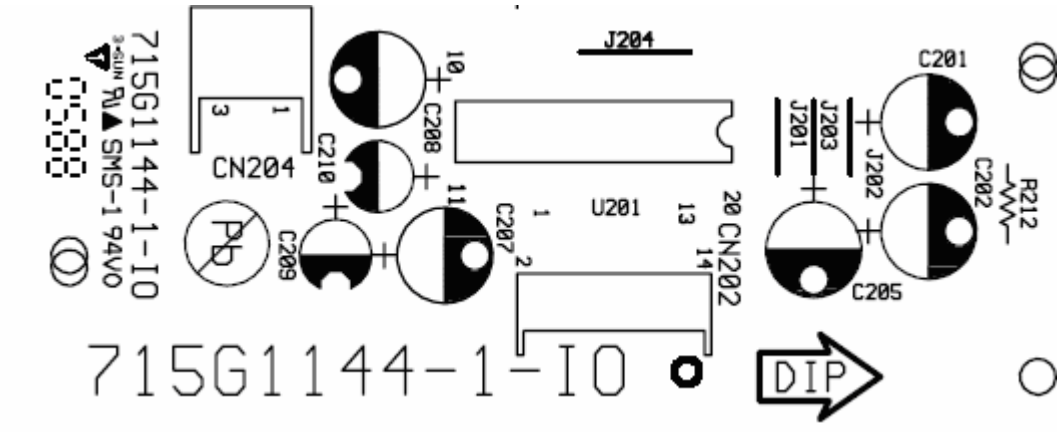


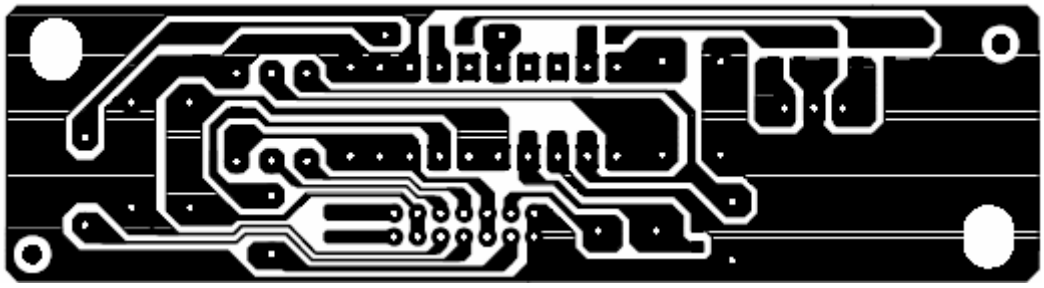
7.2 Power Board



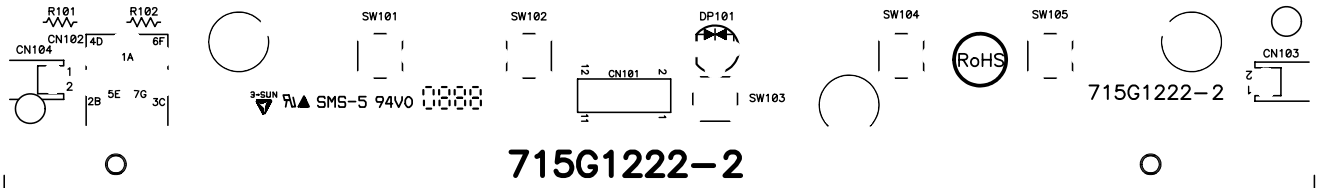


7.3 Audio Board





7.4 Key Board



8. Maintainability

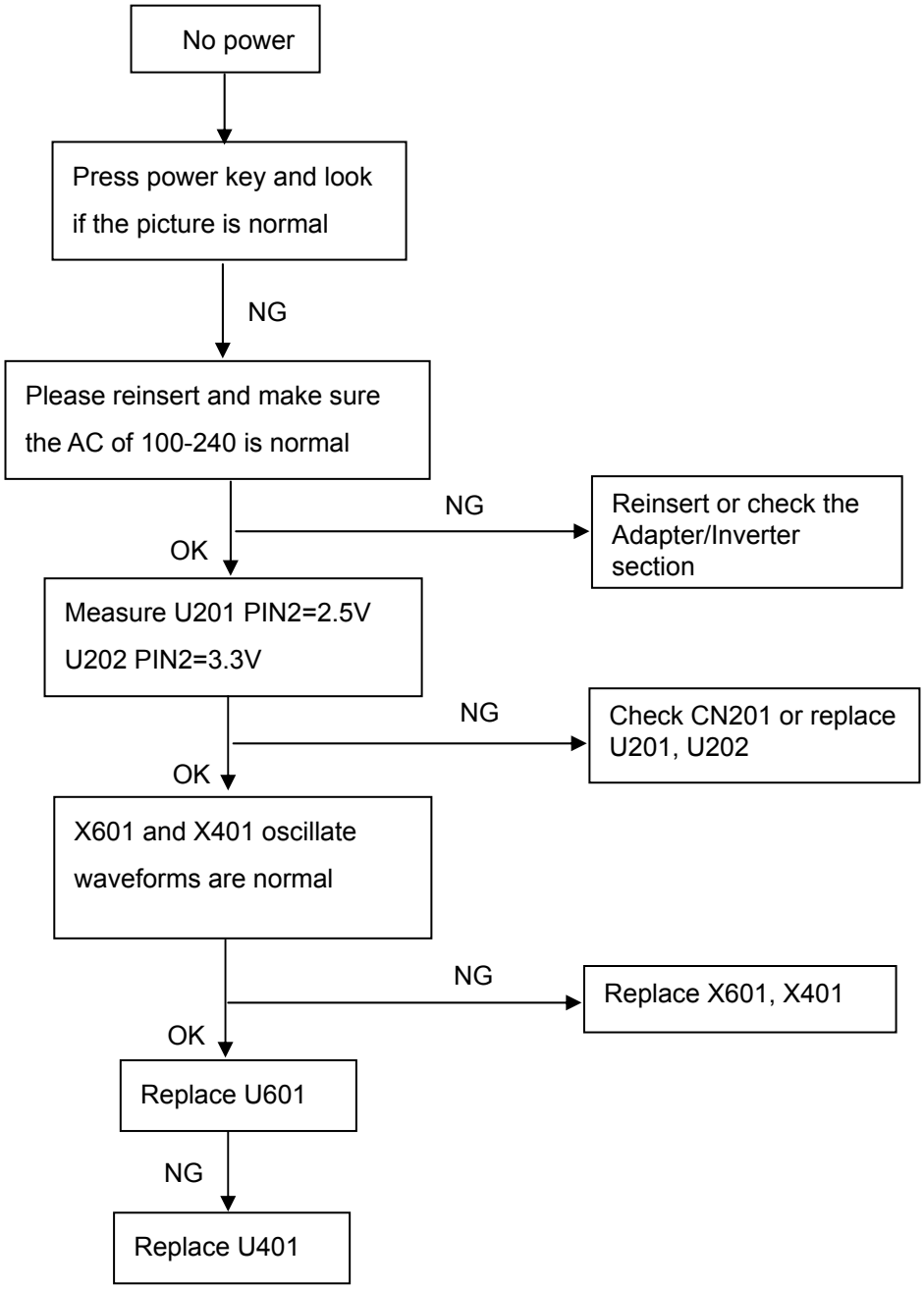
8.1 Equipments And Tools Requirement

1. Voltmeter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with an IBM Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

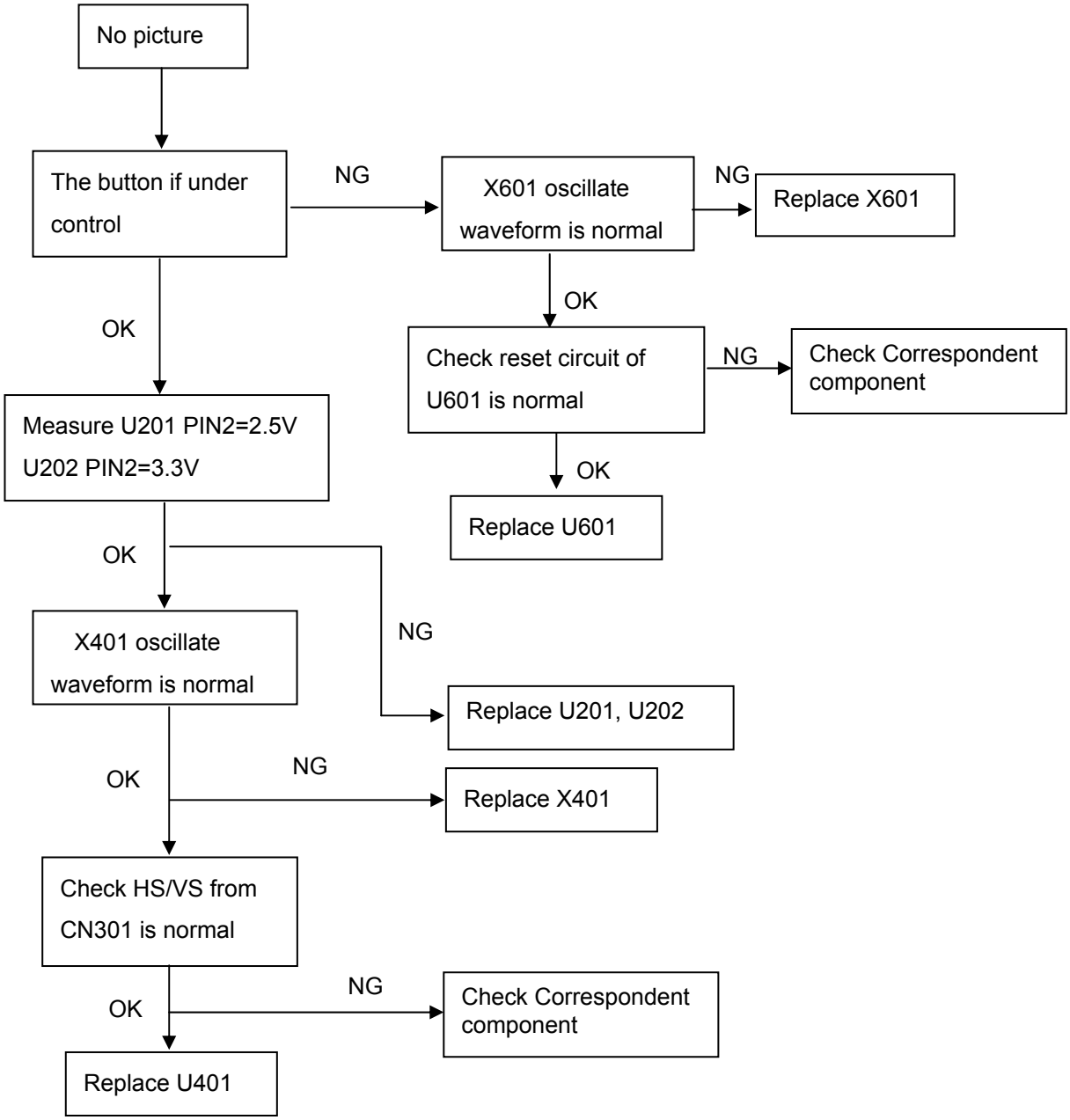
8.2 Trouble Shooting

8.2.1 Main Board

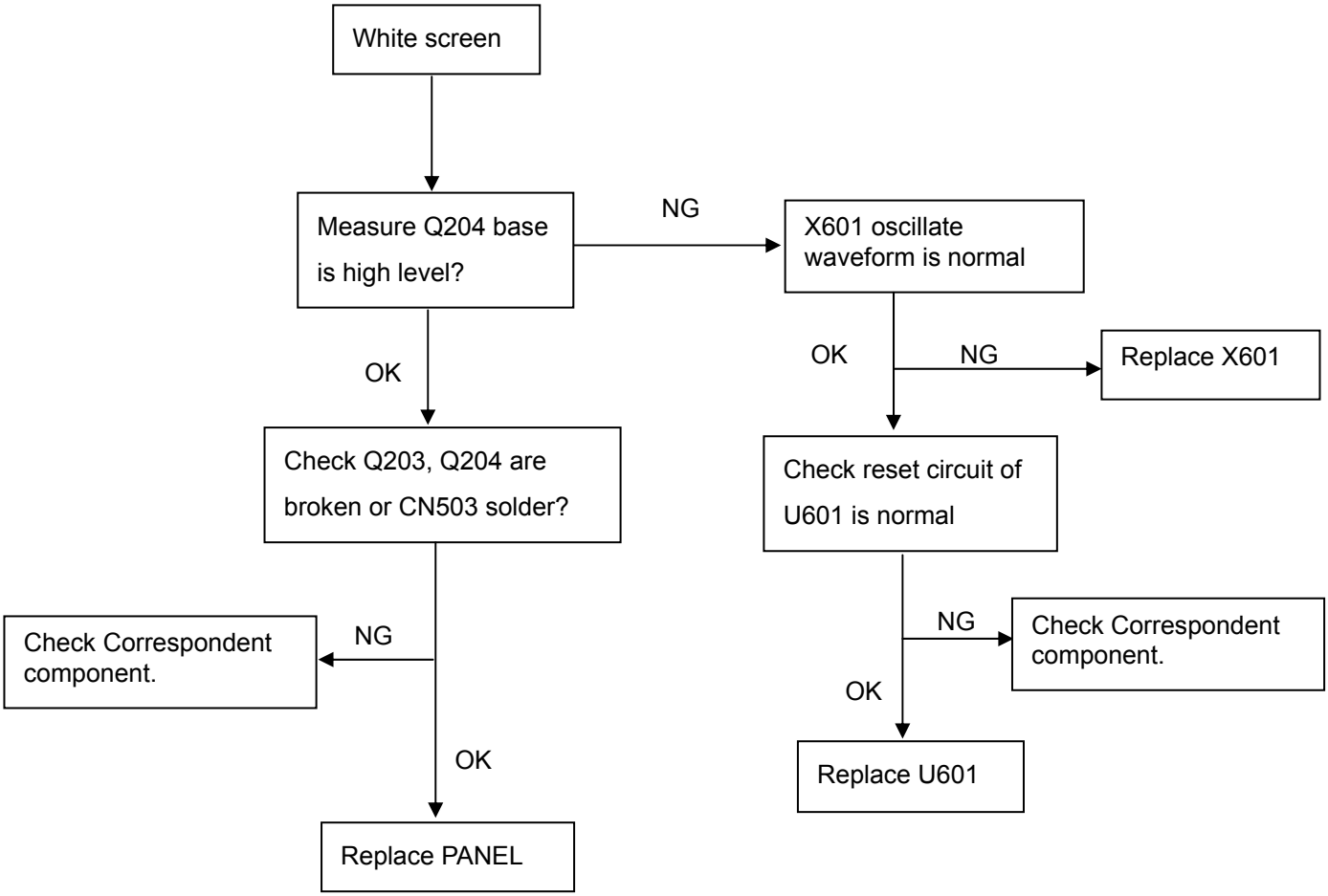
No Power



No Picture (LED orange)

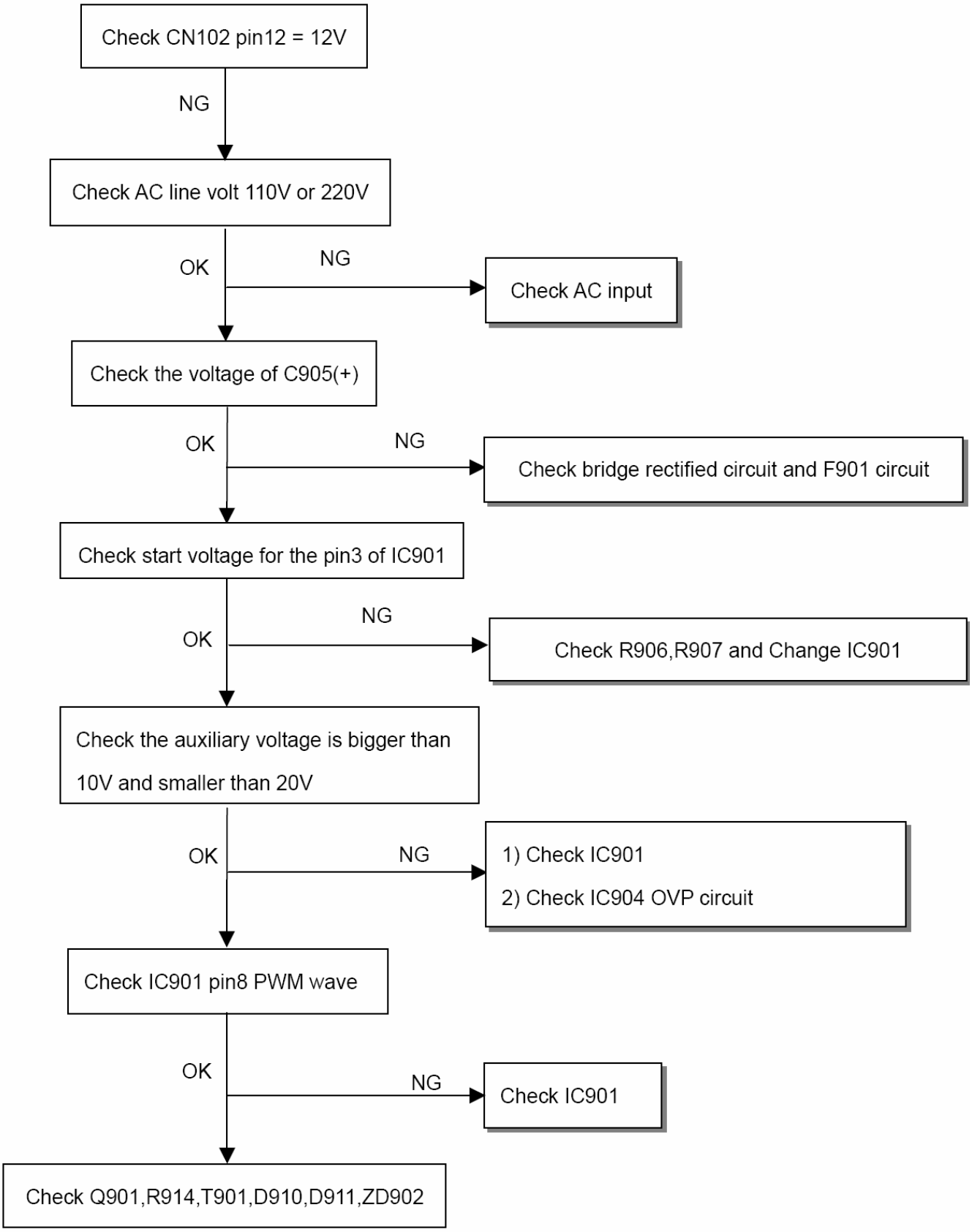


White Screen

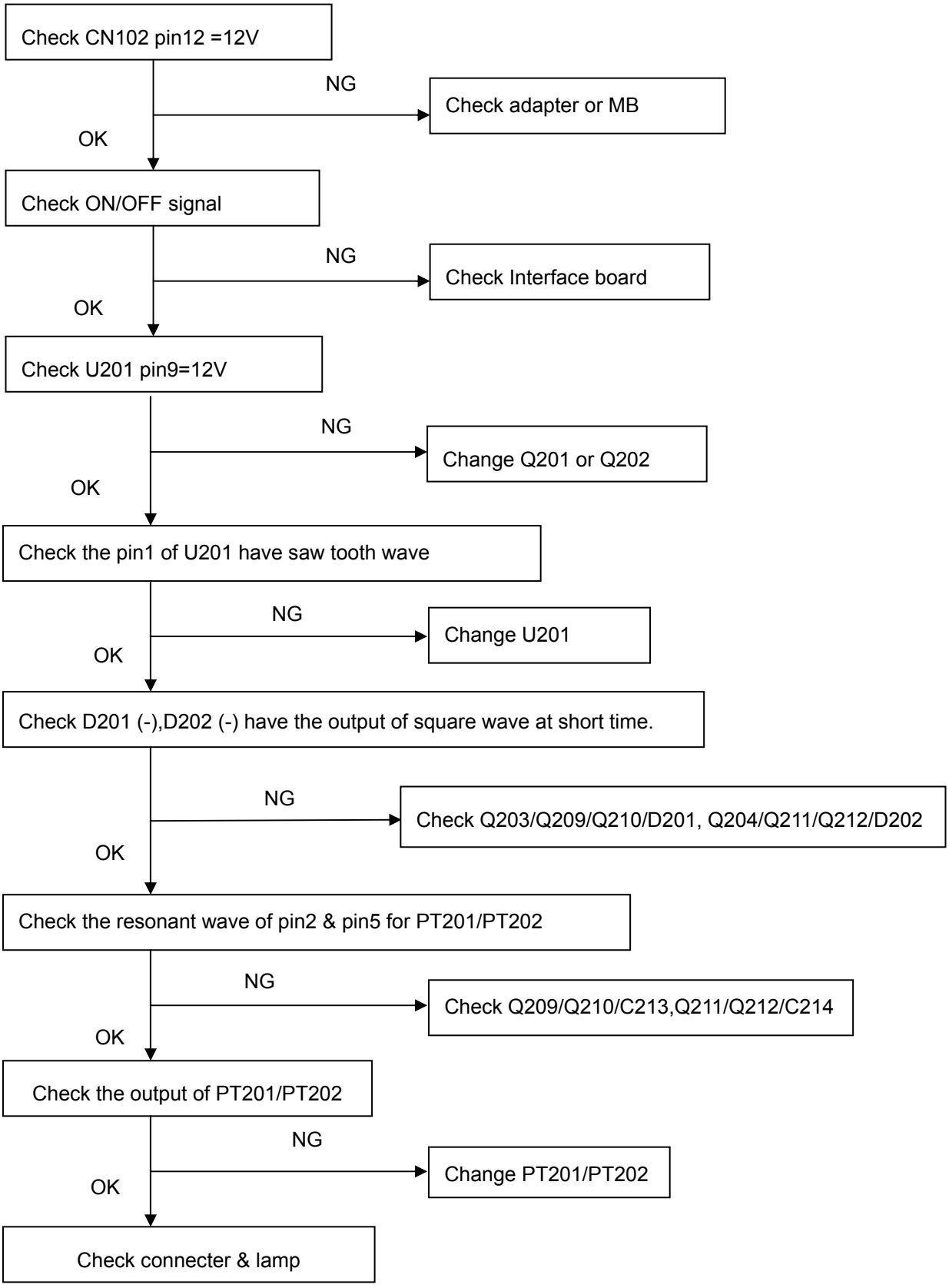


8.2.2 Power Board

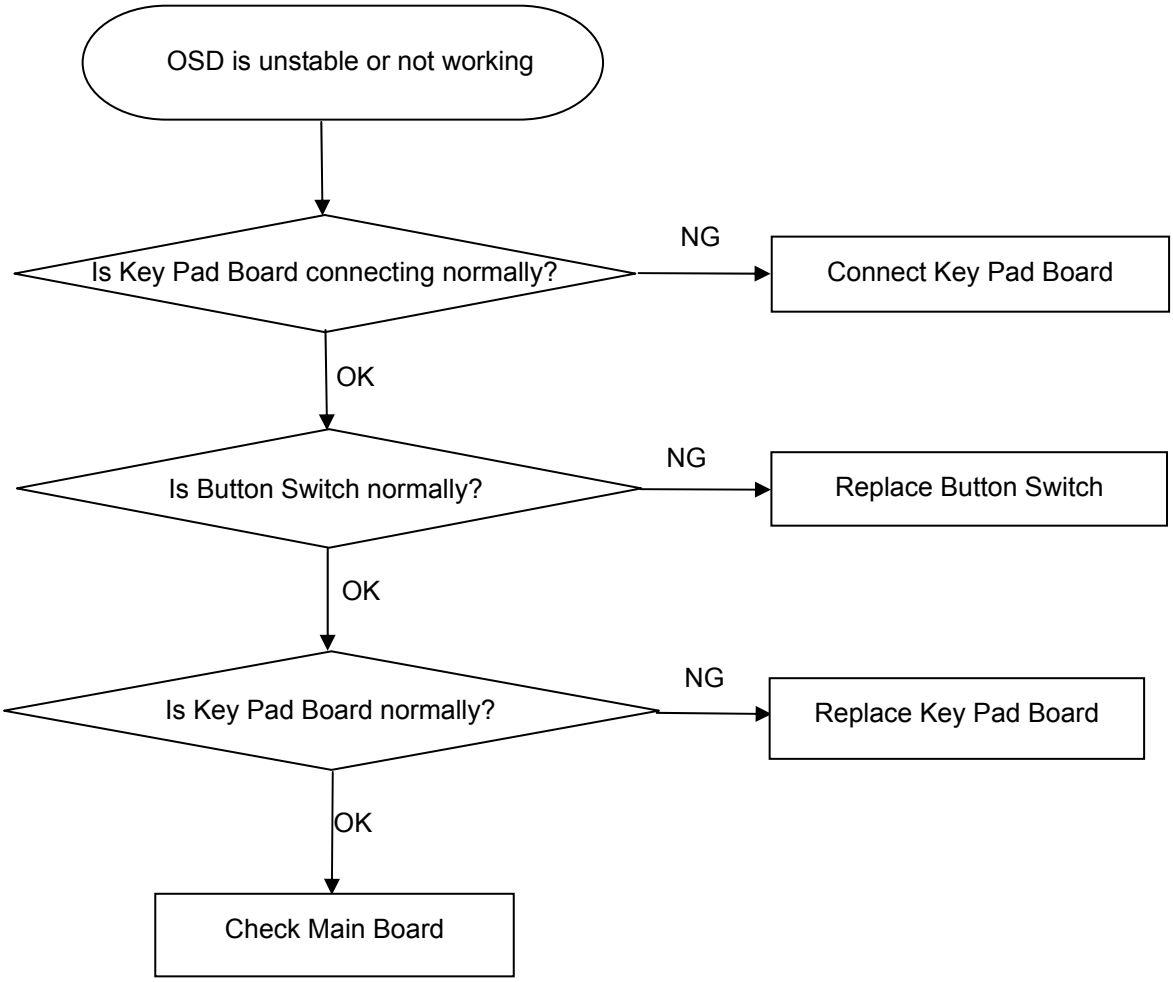
No power



W / LED, No Backlight



8.2.3 Key Board



9. White-Balance, Luminance Adjustment

Approximately 30 minutes should be allowed for warm up before proceeding White-Balance adjustment.

1. How to do the Chroma-7120 MEM. Channel setting

   A. Reference to chroma 7120 user guide

   B. Use “ **SC**” key and “ **NEXT**” key to modify x,yY value and use “**ID**” key to modify the TEXT description Following is the procedure to do white-balance adjust

2. Setting the color temp. you want

   A. MEM.CHANNEL 3 (7800 color):

   7800 color temp. parameter is x = 296 ±20, y = 311 ±20, Y = 180 cd/m^2 ,

   B. MEM.CHANNEL 4 (6500 color):

   6500 color temp. parameter is x = 313±20, y = 329 ±20, Y = 180 cd/m^2

3. Into factory mode of WLA171t

Turn on power, press the MENU button, pull out the power cord, and then plug the power cord. Then the factory OSD will be at the left top of the panel.

4. Bias adjustment:

Set the **Contrast** to 50; Adjust the **Brightness** to 80.

5. Gain adjustment:

Move cursor to “-F-” and press MENU key

A. Adjust 7800 color-temperature

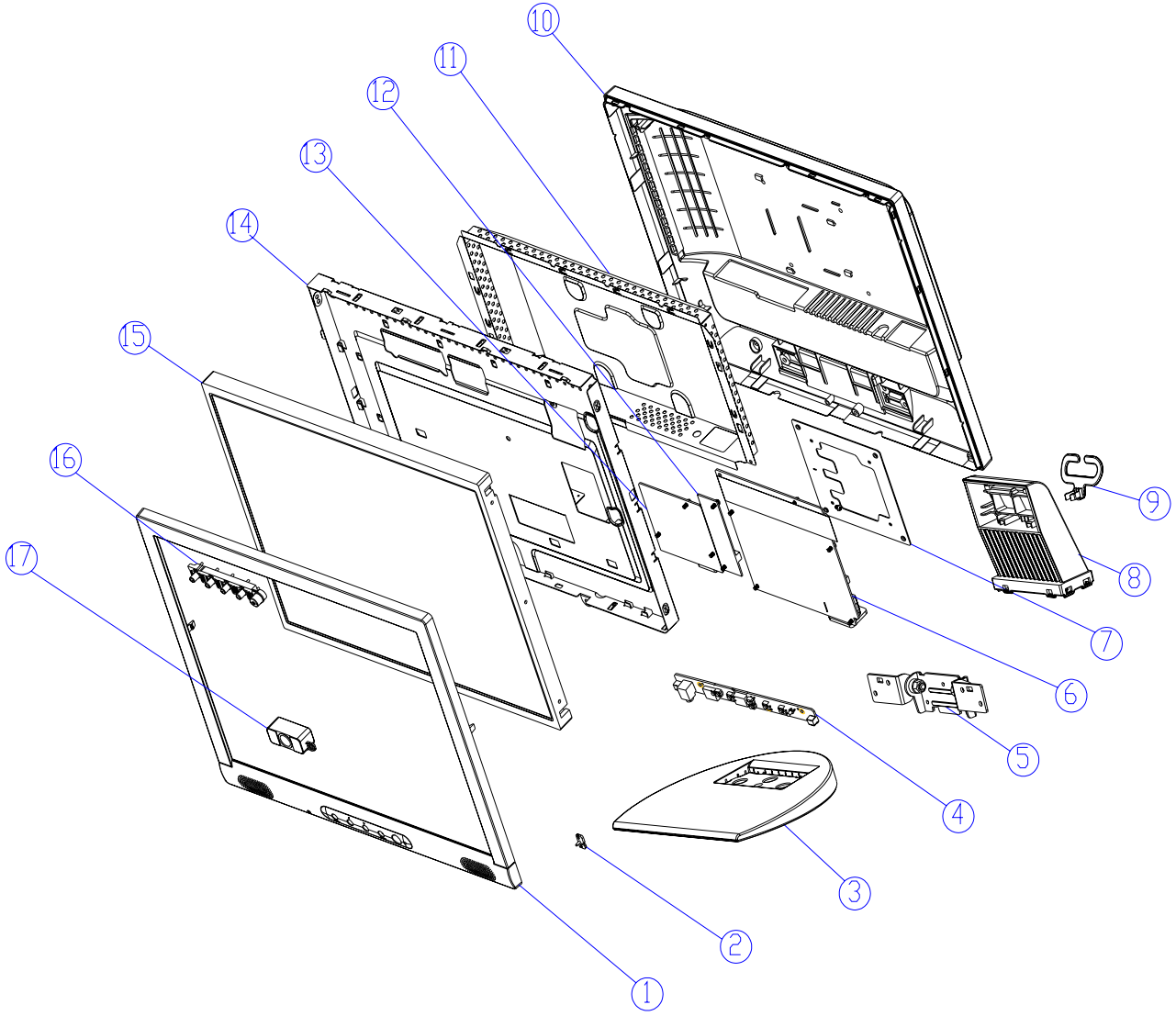
1. Switch the Chroma-7120 to **RGB-Mode** (with press “MODE” button)
2. Switch the MEM. Channel to Channel 3 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show x = 296 ±20, y = 311 ±20, Y = 180 cd/m^2 ,
4. Adjust the RED of color1 on factory window until chroma 7120 indicator reached the value R=100
5. Adjust the GREEN of color1 on factory window until chroma 7120 indicator reached the value G=100
6. Adjust the BLUE of color1 on factory window until chroma 7120 indicator reached the value B=100
7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance =100±2

B. Adjust 6500 color-temperature

1. Switch the chroma-7120 to **RGB-Mode** (with press “MODE” button)
2. Switch the MEM.channel to Channel 4(with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show x = 313±20, y = 329 ±20, Y = 180 cd/m^2
4. Adjust the RED of color3 on factory window until chroma 7120 indicator reached the value R=100
5. Adjust the GREEN of color3 on factory window until chroma 7120 indicator reachedthe value G=100
6. Adjust the BLUE of color3 on factory window until chroma 7120 indicator reached the value B=100
7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance =100±2

C. Turn the Power-button off to quit from factory mode.

10. Monitor Exploded View



NO.	DESCRIPTION	PART NO.	NO.	DESCRIPTION	PART NO.
1	BEZEL	Q34G1271 72A1B	10	REAR COVER	034G1272 72 5B
2	POWER LENS	033G4694 1 C	11	SHIELD	085G6080 2
3	BASE	T34G1455 72 B	12	AUDIO BOARD	AUPC780A9P
4	KEY BOARD	KEPC780KMNP	13	MAIN BOARD	CBPC780KC4AP
5	HINGE	037G 489 1	14	MAIN FRAME	015G6090 7
6	POWER BOARD	PWPC1742CPE2P	15	PANEL	750GLB70A7P21V
7	VESA BKT	015G5786 1	16	KEY PAD	033G4693 72 L
8	STAND	034G1273 72 B	17	SPEAKER	078G 322501 L/R
9	CLAMP	033G4695 1 C			

11. BOM List

T76CM4HCALWNE

Location	Part No.	Description
	007G 5 L148	COMPOUND PALLET
	007G 5 L149	COMPOUND PALLET
	007G 5 L156	COMPOUND PALLET
	007G 5 L157	COMPOUND PALLET
	015G5786 1	VRSA BRACKET
	015G5908 2	BRACKET
	015G6090 7	MAIN FRAME
	026G 800504 3	BARCODE LABEL
	034G1272 72 5B	REAR COVER
	044G3750 1	EPS
	044G3750 2	EPS
	044G6000 4 6B	PAPER BOARD
	044G6002728 1A	PAPER BOARD
	044G6002786 1A	PAPER BOARD
	044G9003220	CORNER PAPER
	050G 600 2	HANDLE1
	050G 600 3	HANDLE2
	052G 1185	MIDDLE TAPE
	052G 1186	SMALL TAPE
	052G 1211 B	AL TAPE
	052G6025 11587	MYLAR
	052G6025 11784	MYLAR
	085G6080 2	SHIELD
	089G 173 56 4B	AUDIO CABLE
E089B	089G 725HAA550	SIGNAL CABLE
	089G417A15N IS	POWER CORD
	095G8014 16509	WIRE HARNESS
	0M1G 330 4128 CR3	SCREW
	0M1G 330 5 47 CR3	SCREW
	0M1G1130 6128 CR3	SCREW
	0M1G1140 6128 CR3	SCREW
	0M1G1730 6128 CR3	SCREW
	0Q1G 330 8120	SCREW 3X8mm
	0Q1G 330 10 47 CR3	SCREW
	0Q1G 330 12 47 CR3	SCREW
	705GQ7K0F34017	BEZEL STAND ASS'Y
	033G4693 72 L	KEY PAD

	033G4694 1 C	POWER LENS
	033G4695 1 C	CLAMP
	034G1273 72 B	STAND
M037	037G 489 1	HINGE ASS'Y
E078L	078G 322501 L	SPEAKER
E078R	078G 322501 R	SPEAKER
	0Q1G 330 8120	SCREW 3X8mm
	0Q1G1030 8128 CR3	SCREW
	0Q1G1030 10128 CR3	SCREW
	Q34G1271 72A1B	BEZEL
E750L	750GLB70A7P21V	PANEL CLAA170EA07P 010 V CPT
	AM1G1740 10 47 CR3	SCREW M3X6
	AUPC780A9P	AUDIO BOARD
CN202	033G802414C H	2*7PIN DUAL ROW RIGHT ANGLE H
U201	056G 616 1	IC E-TDA7496L ST
	090G6059 1	HEAT SINK
CN204	095G8014 3503	WIRE HARNESS
R208	061G0603102	RST CHIP 1K 1/10W 5%
R207	061G0603102	RST CHIP 1K 1/10W 5%
R203	061G0603183	RST CHIPR 18 KOHM +-5% 1/10W
R201	061G0603183	RST CHIPR 18 KOHM +-5% 1/10W
R211	061G0603203	RST CHIPR 20 KOHM +-5% 1/10W
R210	061G0603203	RST CHIPR 20 KOHM +-5% 1/10W
C212	065G0805101 31	CHIP 100PF 50V NPD 0805
C211	065G0805101 31	CHIP 100PF 50V NPD 0805
C213	065G0805104 32	CHIP 0.1U 50V X7R
C203	065G0805104 32	CHIP 0.1U 50V X7R
C206	065G0805474 22	CHIP 0.47UF 25V X7R 0805
C204	065G0805474 22	CHIP 0.47UF 25V X7R 0805
R212	061G 60220152T	CFR 200 OHM +-5% 1/6W
C210	067G 305109 7T	1.0UF +-20% 50V 105 尼ㄠ
C209	067G 305109 7T	1.0UF +-20% 50V 105 尼ㄠ
	715G1144 1 IO	AUIDO BOARD PCB
	CBPC780KC4AP	MAIN BOARD
CN601	033G801714A BH	CONNECTOR
CN503	033G801724A H	PIN HEADER 24P 2.0mm
CN201	033G8027 12	WAFER 2*6P 2.0MM R/A
CN602	033G8027 16	WAFER 16PIN 2.0mm DIP
	040G 457624 1B	LABEL-CPU
	040G 45762412B	CBPC LABEL

C204	067G215B221 4H	LOW E.S.R 220UF +-20% 25V
C202	067G215B221 4H	LOW E.S.R 220UF +-20% 25V
CN301	088G 35315F H	D-SUB 15PIN
X401	093G 22 53 J	14.31818MHZ/32PF/49US
X601	093G 22 55 J	20MHz/20PF/49US
U401	056G 562 86	TSU16AK PQFP-128 BY MST
U202	056G 563 7	IC AIC1084-33PMTR-R AIC
U201	056G 563 31	AI1117D-1.8-EI
U601	056G1125137CAM	W78E065A40PL PLCC44
U301	056G1133 34	M24C02-WMN6TP
U602	056G1133 56	M24C16-WMN6TP
Q204	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q202	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q201	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q602	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q601	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q203	057G 763 1	A03401 SOT23 BY AOS(A1)
RN602	061G 125103 8	RST CHIP AR 8P4R 10 KOHM +-5% 1/16W
RN601	061G 125103 8	RST CHIP AR 8P4R 10 KOHM +-5% 1/16W
R642	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R636	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R502	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R209	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
FB303	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
FB302	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
FB301	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R305	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R306	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R307	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R608	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R609	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R634	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R312	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R309	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R315	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R316	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R402	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R639	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R635	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R303	061G0603101	RST CHIPR 100 OHM +-5% 1/10W

R302	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R301	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R310	061G0603102	RST CHIP 1K 1/10W 5%
R203	061G0603102	RST CHIP 1K 1/10W 5%
R311	061G0603102	RST CHIP 1K 1/10W 5%
R624	061G0603102	RST CHIP 1K 1/10W 5%
R603	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R602	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R601	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R407	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R406	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R405	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R404	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R318	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R604	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R605	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R606	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R607	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R613	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R614	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R615	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R625	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R626	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R627	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R202	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R204	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R206	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R208	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R211	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R308	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R314	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R317	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R215	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W
R618	061G0603121	RST CHIPR 120 OHM +-5% 1/10W
R617	061G0603121	RST CHIPR 120 OHM +-5% 1/10W
R313	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W
R403	061G0603390 0F	RST CHIPR 390 OHM +-1% 1/10W
R620	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R621	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R622	061G0603471	RST CHIPR 470 OHM +-5% 1/10W

R623	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R304	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R201	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R205	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R207	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R212	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R616	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R619	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R325	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
R326	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
R327	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
C617	065G0603101 32	100PF +-10% 50V X7R
C307	065G0603102 32	1000PF +-10% 50V X7R
C606	065G0603102 32	1000PF +-10% 50V X7R
C607	065G0603102 32	1000PF +-10% 50V X7R
C608	065G0603102 32	1000PF +-10% 50V X7R
C609	065G0603102 32	1000PF +-10% 50V X7R
C610	065G0603102 32	1000PF +-10% 50V X7R
C406	065G0603104 32	CHIP 0.1UF 50V X7R
C407	065G0603104 32	CHIP 0.1UF 50V X7R
C408	065G0603104 32	CHIP 0.1UF 50V X7R
C409	065G0603104 32	CHIP 0.1UF 50V X7R
C410	065G0603104 32	CHIP 0.1UF 50V X7R
C411	065G0603104 32	CHIP 0.1UF 50V X7R
C412	065G0603104 32	CHIP 0.1UF 50V X7R
C413	065G0603104 32	CHIP 0.1UF 50V X7R
C415	065G0603104 32	CHIP 0.1UF 50V X7R
C416	065G0603104 32	CHIP 0.1UF 50V X7R
C417	065G0603104 32	CHIP 0.1UF 50V X7R
C418	065G0603104 32	CHIP 0.1UF 50V X7R
C420	065G0603104 32	CHIP 0.1UF 50V X7R
C421	065G0603104 32	CHIP 0.1UF 50V X7R
C423	065G0603104 32	CHIP 0.1UF 50V X7R
C425	065G0603104 32	CHIP 0.1UF 50V X7R
C426	065G0603104 32	CHIP 0.1UF 50V X7R
C428	065G0603104 32	CHIP 0.1UF 50V X7R
C510	065G0603104 32	CHIP 0.1UF 50V X7R
C511	065G0603104 32	CHIP 0.1UF 50V X7R
C601	065G0603104 32	CHIP 0.1UF 50V X7R
C618	065G0603104 32	CHIP 0.1UF 50V X7R

C613	065G0603104 32	CHIP 0.1UF 50V X7R
C612	065G0603104 32	CHIP 0.1UF 50V X7R
C201	065G0603104 32	CHIP 0.1UF 50V X7R
C203	065G0603104 32	CHIP 0.1UF 50V X7R
C205	065G0603104 32	CHIP 0.1UF 50V X7R
C210	065G0603104 32	CHIP 0.1UF 50V X7R
C404	065G0603104 32	CHIP 0.1UF 50V X7R
C401	065G0603104 32	CHIP 0.1UF 50V X7R
C313	065G0603104 32	CHIP 0.1UF 50V X7R
C217	065G0603104 32	CHIP 0.1UF 50V X7R
C216	065G0603104 32	CHIP 0.1UF 50V X7R
C214	065G0603104 32	CHIP 0.1UF 50V X7R
C212	065G0603104 32	CHIP 0.1UF 50V X7R
C207	065G060310432T	MLCC 0603 CAP 0.1UF K 50V X7R
C402	065G0603220 31	CER1 0603 NP0 50V 22P PM
C403	065G0603220 31	CER1 0603 NP0 50V 22P PM
C602	065G0603220 31	CER1 0603 NP0 50V 22P PM
C604	065G0603220 31	CER1 0603 NP0 50V 22P PM
C312	065G0603221 31	CER1 0603 NP0 50V 220P P
C605	065G0603224 17	CAP:CER 0.22UF-20%-80% 16V
C311	065G0603330 31	CER1 0603 NP0 50V 33P PM
C310	065G0603473 32	CHIP 0.047UF 50V X7R
C309	065G0603473 32	CHIP 0.047UF 50V X7R
C308	065G0603473 32	CHIP 0.047UF 50V X7R
C306	065G0603473 32	CHIP 0.047UF 50V X7R
C305	065G0603473 32	CHIP 0.047UF 50V X7R
C304	065G0603473 32	CHIP 0.047UF 50V X7R
C611	065G0805105 22	CHIP 1UF 25V X7R 0805
C206	065G0805105 22	CHIP 1UF 25V X7R 0805
FB304	071G 56G151 A	TB160808G151
FB402	071G 56K121	CHIP BEAD
FB601	071G 56K121 M	CHIP BEAD
FB602	071G 56Z601	CHIP BEAD 600 OHM 0805
FB406	071G 56Z601	CHIP BEAD 600 OHM 0805
FB405	071G 56Z601	CHIP BEAD 600 OHM 0805
FB404	071G 56Z601	CHIP BEAD 600 OHM 0805
FB403	071G 56Z601	CHIP BEAD 600 OHM 0805
FB401	071G 56Z601	CHIP BEAD 600 OHM 0805
FB201	071G 56Z601	CHIP BEAD 600 OHM 0805
FB603	071G 56Z601	CHIP BEAD 600 OHM 0805

D601	093G 39147	TZMC5V6
D323	093G 39147	TZMC5V6
D322	093G 39147	TZMC5V6
D321	093G 39147	TZMC5V6
D320	093G 39147	TZMC5V6
D319	093G 39147	TZMC5V6
D318	093G 39147	TZMC5V6
D317	093G 39147	TZMC5V6
D304	093G 64 42 P	BAV70 SOT-23
D303	093G 6433P	BAV99
D302	093G 6433P	BAV99
D301	093G 6433P	BAV99
D201	093G1004 3	SS14
D202	093G1020 1 S	GS1D
	715G1237 2 3	MAIN BOARD PCB
	KEPC780KMNP	[KEY BOARD
CN103	033G3802 2H	WAFER 2P RIGHT ANGLE
CN104	033G3802 2H	WAFER 2P RIGHT ANGLE
CN101	033G801712A H	PIN HEADER 2*6 R/A
SW105	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW103	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW102	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW101	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW104	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
DP101	081G 12 1 GP	LED GP32032M/R003-ZY-33
CN102	088G 30211K	PHONE JACK 5PIN
R102	061G 60251152T	510 OHM 5% 1/6W
R101	061G 60251152T	510 OHM 5% 1/6W
	715G1222 2	KEY BOARD PCB
	PWPC1742CPE2P	POWER BOARD
CN302	033G3278 3	3P PLUG B3B-XHA/JST
CN204	033G8021 2E F	WAFER
CN203	033G8021 2E F	WAFER
CN202	033G8021 2E F	WAFER
CN201	033G8021 2E F	WAFER
	040G 45762412B	CBPC LABEL
IC902	056G 139 7 1	IC EL817MA M-TYPE
IC901	056G 379 53	LD7552BN
Q212	057G 761 6	2SC5706-P-E
Q211	057G 761 6	2SC5706-P-E

Q210	057G 761 6	2SC5706-P-E
Q209	057G 761 6	2SC5706-P-E
R919	061G 2J398 59	0.39 OHM 2W
NR901	061G 58080 WT	8 OHM NCT
R903	061G152M104 64	100KOHM 5% 2W
C904	063G107K474 HS	X2 CAP 0.47UF K 275VAC
C214	063G210J2242AC	FILM CAP 0.22UF J 250V
C213	063G210J2242AC	FILM CAP 0.22UF J 250V
C218	065G 3J2206ET	22PF 5% SL 3KV TDK
C217	065G 3J2206ET	22PF 5% SL 3KV TDK
C216	065G 3J2206ET	22PF 5% SL 3KV TDK
C215	065G 3J2206ET	22PF 5% SL 3KV TDK
C901	065G305M2222E3	Y2,2200PF,M,250VAC
C902	065G305M2222E3	Y2,2200PF,M,250VAC
C913	065G306M4722BP	4700PF +-20% 400VAC
C922	067G215L102 3R	LOW E.S.R 1000UF +/-20% 16V
C925	067G215L102 3R	LOW E.S.R 1000UF +/-20% 16V
C905	067G215Y10115K	ELCAP 105℃ 100UF M 450V
L904	073G 253 91 H	CHOKE COIL
L903	073G 253 91 H	CHOKE COIL
L202	073G 253515 S	CHOLE
L201	073G 253515 S	CHOLE
L902	073L 174 26T1G	LINE FILTER 27mH
H1	085G6113 1	SHIELD
CN301	088G 30210K E	PHONE JACK 5PIN
BD901	093G 50460502	KBP206G
CN102	095G8021 12529	HARNESS
	705L 780 57 02	CN901 ASS'Y
CN901	087G 501 12 CJ	AC SOCKET
	095G205S354022	HARNESS
	096G 29 6	H.S. TUBE
	705L 780 57 15	D910/D912 ASS'Y
	090G6064 1	HEAT SINK
D912	093G 60217	FMB29L 10A 100V SANKEN
D910	093G 60250	FCH10U10
	0M1G1730 8128 CR3	SCREW
	705L 780 5702A	Q903 ASS'Y
Q903	057G 724 4A	STP9NK60ZFP TO-220FP BY ST
	090G 407 2	HEAT SINK
	0M1G1730 8128 CR3	SCREW

U201	056G 622 1	BA9741F-SMT
Q205	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q206	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q207	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q208	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q202	057G 760 4B	PDTA144WK SOT346
Q201	057G 760 5B	PDTC144WK SOT346
Q203	057G 763 3B	AM9435P.T1-PF SO-8
Q204	057G 763 3B	AM9435P.T1-PF SO-8
R217	061G0603221	RST CHIPR 220 OHM +-5% 1/10W
R216	061G0603221	RST CHIPR 220 OHM +-5% 1/10W
R925	061G0603362	RST CHIPR 3.6 KOHM +-5% 1/10W
R212	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R213	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R929	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R928	061G0805102	CHIP 1KOHM 1/10W
R927	061G0805102	CHIP 1KOHM 1/10W
R926	061G0805242	RST CHIPR 2.4 KOHM +-5% 1/8W
R924	061G0805333	RST CHIPR 33 KOHM +-5% 1/8W
R208	061G0805472	RST CHIPR 4.7 KOHM +-5% 1/8W
R209	061G0805472	RST CHIPR 4.7 KOHM +-5% 1/8W
R917	061G1206100	RST CHIP 10R 1/4W 5%
R911	061G1206100 3F	RST CHIPR 100 KOHM +-1% 1/4W
R918	061G1206103	10 KOHM 1/8W
R916	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W
R901	061G1206105	1M 1206
R902	061G1206105	1M 1206
R224	061G1206152	RST CHIPR 1.5 KOHM +-5% 1/4W
R225	061G1206152	RST CHIPR 1.5 KOHM +-5% 1/4W
R226	061G1206152	RST CHIPR 1.5 KOHM +-5% 1/4W
R227	061G1206152	RST CHIPR 1.5 KOHM +-5% 1/4W
R228	061G1206152	RST CHIPR 1.5 KOHM +-5% 1/4W
R229	061G1206152	RST CHIPR 1.5 KOHM +-5% 1/4W
R230	061G1206152	RST CHIPR 1.5 KOHM +-5% 1/4W
R231	061G1206152	RST CHIPR 1.5 KOHM +-5% 1/4W
R930	061G1206471	470 1206
R906	061G1206514	RST CHIPR 510 KOHM +-5% 1/4W
R907	061G1206514	RST CHIPR 510 KOHM +-5% 1/4W
R913	061G1206514	RST CHIPR 510 KOHM +-5% 1/4W
R904	061G1206754	RST CHIPR 750 KOHM +-5% 1/4W

R905	061G1206754	RST CHIPR 750 KOHM +-5% 1/4W
R910	061G1206820 2F	RST CHIPR 82 KOHM +-1% 1/4W
C927	065G0805104 32	CHIP 0.1U 50V X7R
C910	065G0805105 22	CHIP 1UF 25V X7R 0805
C203	065G0805105 27	CHIP 1UF Y5V 0805
C209	065G0805105 27	CHIP 1UF Y5V 0805
C210	065G0805105 27	CHIP 1UF Y5V 0805
C211	065G0805105 27	CHIP 1UF Y5V 0805
C212	065G0805105 27	CHIP 1UF Y5V 0805
C219	065G0805105 27	CHIP 1UF Y5V 0805
C220	065G0805105 27	CHIP 1UF Y5V 0805
C224	065G0805105 27	CHIP 1UF Y5V 0805
C225	065G0805105 27	CHIP 1UF Y5V 0805
D204	093G 39S 3 T	BZT52-C11
D203	093G 39S 3 T	BZT52-C11
ZD904	093G 39S 19 T	PTZ7.5B
D201	093G2004 3	SSM24PT
D202	093G2004 3	SSM24PT
T901	006G 31502	1.5MM RIVET
Q903	006G 31502	1.5MM RIVET
PT202	006G 31502	1.5MM RIVET
PT201	006G 31502	1.5MM RIVET
NR901	006G 31502	1.5MM RIVET
L902	006G 31502	1.5MM RIVET
C905	006G 31502	1.5MM RIVET
IC904	056G 158 4 T	H431BA
IC903	056G 158 4 T	H431BA
R244	061G 17210252T	1K OHM 5% 1/4W
R912	061G 17210252T	1K OHM 5% 1/4W
R243	061G 17210252T	1K OHM 5% 1/4W
R909	061G 17224152T	240 OHM 5% 1/4W
R908	061G 17268952T	6.8OHM 5% 1/4W
R922	061G 20747052T	47 OHM 1/2W
R920	061G 20747052T	47 OHM 1/2W
R204	061G 60110352T	RST CFR 10KOHM +-2% 1/6W
R218	061G 60210152T	100OHM +- 5% 1/6W
R219	061G 60210152T	100OHM +- 5% 1/6W
R232	061G 60210252T	CFR 1K OHM +-5% 1/6W
R233	061G 60210252T	CFR 1K OHM +-5% 1/6W
R202	061G 60210352T	CFR 10KOHM +-5% 1/6W

R203	061G 60210352T	CFR 10KOHM +-5% 1/6W
R223	061G 60212352T	12KOHM 5% 1/6W
R222	061G 60212352T	12KOHM 5% 1/6W
R238	061G 60212352T	12KOHM 5% 1/6W
R239	061G 60212352T	12KOHM 5% 1/6W
R210	061G 60215352T	15KOHM 5% 1/6W
R211	061G 60215352T	15KOHM 5% 1/6W
R220	061G 60215352T	15KOHM 5% 1/6W
R221	061G 60215352T	15KOHM 5% 1/6W
R215	061G 60222252T	2.2K 5% 1/6W
R214	061G 60222252T	2.2K 5% 1/6W
R201	061G 60230352T	30KOHM 5% 1/6W
R206	061G 60247352T	47KOHM 5% 1/6W
R205	061G 60247352T	47KOHM 5% 1/6W
R240	061G 60251352T	51KOHM +-5% 1/6W
R241	061G 60251352T	51KOHM +-5% 1/6W
R237	061G 60268152T	680 OHM 5% 1/6W
R236	061G 60268152T	680 OHM 5% 1/6W
R235	061G 60291152T	CFR 910 OHM+-5% 1/6W
R234	061G 60291152T	CFR 910 OHM+-5% 1/6W
C911	064G700J1020AT	1000PF 50V PEN
C936	064G700J1040AT	0.1UF 50V PEN
C206	064G700J1040AT	0.1UF 50V PEN
C205	064G700J1040AT	0.1UF 50V PEN
C204	064G700J1040AT	0.1UF 50V PEN
C222	064G701J4740AT	0.47uF 50V
C221	064G701J4740AT	0.47uF 50V
C906	065G 2K152 1T6921	1.5NF/2KV Y5P +-10%
C208	065G 44233113T	330PJNPO 50V
C912	065G 444331 5T	330P/50V DIP
C398	065G 444471 5T	470P/50V DIP
C399	065G 444471 5T	470P/50V DIP
C908	065G 450104 7T	0.1UF +80-20% 50V Y5V
C920	065G517K102 5T6213	1000PF,K,500V,Y5P
C921	065G517K102 5T6213	1000PF,K,500V,Y5P
C201	067G215D4713KT	/105℃ EC 470UF M 16V KINGNICHI
C223	067G215D4713KT	/105℃ EC 470UF M 16V KINGNICHI
C924	067G215D4713KT	/105℃ EC 470UF M 16V KINGNICHI
C926	067G215D4713KT	/105℃ EC 470UF M 16V KINGNICHI
FB902	071G 55 19 T	FERRITE BEAD D9X3. 5X0.8

FB901	071G 55 29	FERRITE BEAD
F901	084G 56 1	FUSE 2A 250V WICKMANN
ZD902	093G 39 5452T	HZ12B2-E
ZD903	093G 39 7752T	HZ5C1-E
D901	093G 6026T52T	RECTIFIER DIODE FR107
D902	093G 6038P52T	PS102R
D210	093G 64 1152T	1N4148
D209	093G 64 1152T	1N4148
D208	093G 64 1152T	1N4148
D207	093G 64 1152T	1N4148
D206	093G 64 1152T	1N4148
D205	093G 64 1152T	1N4148
	715G1103 3 17	POWER BOARD PCB
	Q40G 17N856 3A	RATING LABEL
	Q44G3739856 2B	CARTON
	Q45G 88607 R	pe bag for monitor
E095	S95G801830537	LVDS ASS'Y
	033F 205 24	A2005H02-2*12P
	033F 303 30TD1	TD00-30H P2407P30
	033F205T 24	A2005T0B-00
	033F303TTD1	TD00-T 2407PS-00
	T34G1455 72 B	BASE
	040G 58162435A	LABEL
	045G 76 28 RN	PE BAG FO MANUAL/BASE
	Q41G700N856 6B	manual